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1993 Survey of Doctorate Recipients

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Conducted by The National Research Council for the

National Science Foundation Washington, D.C.

Note: The format of this survey instrument has been altered slightly to reduce download time.

INSTRUCTIONS

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

- In order to get comparable data, we will be asking you to refer to the week of April 15, 1993 when answering most questions
- If no "skip" instruction is provided, you should continue to the next question
- Either a pen or pencil may be used
- When answering questions that require marking a box, please use an [X]
- If you need to change an answer, please make sure that your old answer is either completely erased or clearly crossed out

Thanks again for your help, we really appreciate it.

+)) * * *	Were you working for pay (or profit) during the week of April 15, 1993? This includes a postdoctoral appointment, being self-employed or temporarily absent from a job (e.g., illness, vacation or parental leave), even if unpaid. 1 Yes SKIP TO A7 2 No	A6.	Using the JOB CODES (pp. 14-15), choose the code that BEST describes the work you were doing on your last job. CODE SKIP TO PART B (PAGE 7)
A2.	(IF NO) Did you look for work at any time during the four weeks preceding April 15? 1 □ Yes	A7.	(IF WORKING WEEK OF APRIL 15th) Counting all jobs held during the week of April 15, were you employed full-time or part-time?
	2 □ No		Full-time (usually worked a total of 35 or more hours per week) SKIP TO A9
A3.	What were your reasons for not working during the week of April 15? MARK ALL THAT APPLY	+)) * * * *	Part-time (usually worked less than 35 hours per week)
	01 ☐ Retired 02 ☐ On layoff from a job 03 ☐ Student	х А8.	(IF PART-TIME) What were your reasons for working part-time rather than full-time during the week of April 15?
	 Gamily responsibilities Gamily responsibilities Chronic illness or permanent disability Gamily responsibilities Gamily responsibil		MARK ALL THAT APPLY 101 Retired or 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
	of □ Did not need or want to work of □ Other (Specify:		semi-retired 19 YEAR * 02 □ Student *
)		o3 ☐ Family responsibilities o4 ☐ Chronic illness or permanent disability /► SKIP TO
A4.	In what month and year did you last work for pay (or profit)?		os ☐ Suitable full-time job not available * (PAGE 2) os ☐ Did not need or want to work * full-time * *
	MARK THIS BOX (X) if you have NEVER worked for pay (or profit) and then SKIP TO PART D (PAGE 10)		o7 □ Other (<i>Specify</i>): * * *
	LAST WORKED: 19 Month Year		
A5.	What kind of work were you doing on your last jobthat is, what was your occupation? Please be as specific as possible, including any area of specialization. • Example: College professor - Electrical engineering	A9.	 (IF FULL-TIME) Although you were working during the week of April 15, had you previously retired from any position? • Examples of retirement include mandatory retirement early retirement, or voluntary retirement □ Yes 19 □ YEAR
			₂ □ No

Please answer the next series of questions for your <u>principal</u> job held during the week of April 15, 1993.

A second job, if held, will be covered later.

			2 🗆	Not applicable for my position
A10.	Who was your principal employer during the		з 🗌	Professor
	week of April 15?		4 🔲	Associate Professor
	• If you had more than one job that week: Your		5 🗌	Assistant Professor
	principal employer is the one for whom you worked the most hours that week	ne	6 🗆	Instructor
	Employee		7 🗌	Lecturer
	Employer Name:	_	8 🗆	Adjunct Faculty
	City/Town:	_	9 🗌	Other (Specify:
	State/Foreign Country:	-)
	ZIP Code:	A15.	Wha	at was your tenure status?
A11.	Was this job a POSTDOCTORAL appointment,		MAI	RK ONE
	that is, a temporary appointment in academia, industry or government, primarily for providing continued education or experience in research?		1 🗆	Not applicable: no tenure system * at this institution *
	ı □ Yes		2 🗆	Not applicable: no tenure system * for my position * SKIP TO
	2 □ No		3 🗌	Tenured / ► A17 * (PAGE 3)
	2 110		4 🔲	On tenure track but not tenured *
A12.	Was your employer an educational institution?		5 🗌	Not on tenure track))))))))) - *
+))	ı □ Yes			
* *	2 □ No SKIP TO A16	A16.		NOT EDUCATIONAL INSTITUTION) Was r employer
*			MAI	RK ONE
A13.	(IF EDUCATIONAL INSTITUTION) Was the educational institution		01 🗆	A <u>Private for Profit</u> company, business or individual, working for wages, salary or commissions
	MARK ONE		02 🗆	A <u>Private Not-for-Profit</u> , tax-exempt, or charitable organization
	An elementary, middle, or secondary school or system SKIP TO A17 (PAGE 3)		03 🗆	<u>Self-Employed</u> in own NOT INCORPORATED business, professional practice, or farm
	2 ☐ A 2-year college, junior college, technical institute		04 🗌	<u>Self-Employed</u> in own INCORPORATED business, professional practice, or farm
			05 🗌	Local government (city, county, etc.)
	3 ☐ A 4-year college or university, other than a medical school		06 🗌	State government
	4 ☐ A medical school (including university-		07 🗆	U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)
	affiliated hospital or medical center)		08	U.S. government (civilian employee)
	5 ☐ A university-affiliated research institute		09 🗌	Other (Specify:
	6 ☐ Other (Specify:)
	,			

What was your faculty rank?

 $_1 \square$ Not applicable at this institution

MARK ONE

A17.	princ that as s spec	t kind of work were you doing on you cipal job held during the week of Apr is, what was your occupation? Pleas pecific as possible, including any are cialization. xample: College professor - Electrical engineers	il 15 se be ea of	A22. +))) *	Thinking about the relationship between your work and your education, to what extent wayour work on your principal job held during week of April 15 related to your first doctors degree awarded in the U.S.? Was it MARK ONE Closely related Somewhat related Not related	s ; the
A18.	code		vere	* * * V A23.	(IF NOT RELATED) Did these factors influe your decision to work in an area outside the of your first U.S. doctoral degree?	
		CODE			MARK YES OR NO FOR EACH	
					<u>YES</u>	<u>NO</u>
A19.	•	you record job code "141" in A18?			a. Pay, promotion opportunities $_1$	2 🗆
+)) * * *	1	Yes No SKIP TO A21			b. Working conditions (hours, equipment, working environment) □	2 🗆
* * V					c. Job location	2 🗆
A20.	tech	ES) Did your duties on this job requinical expertise equivalent to at least and or is degree in			d. Change in career or professional interests	2 🗆
		<u>YES</u>	<u>NO</u>		e. Family-related reasons	2 🗌
		ngineering, computer science, ath or the natural sciences 1	2 🗆		f. Job in doctoral degree field not available	2 🗆
	b. T	he social sciences	2 🗆		g. Other reason (Specify:	
) 1 🗆	2 🗆
A21.	As o licer	ome occupational areas, licensing or ification is recommended or required of the week of April 15, were you used or certified in your occupation? To not include academic degrees RK ONE Licensure, certification not recommended or required Yes No	•	A24.	Which factor in A23 represents your MOST important reason for working in an area out the field of your first U.S. doctoral degree? ENTER LETTER OF MOST IMPORTANT REASON FROM A23	tside

A25 .	on act	e next question is about your work a your principal job. Did the followin ivities occupy 10 percent or more of ring a typical work week on this job	g work f your tir		A27.	Did you supervise the work of others as part of this job?	
	MA	ARK YES OR NO FOR EACH	YES]	<u>NO</u>		 Answer yes if you assign duties to workers <u>and</u> recommend or initiate personnel actions such as hiring, firing, or promoting 	
	a.b.c.d.e.	Accounting, finance, contracts		2	+))) * * * * * * * A28.		
	f.	gained from research for the production of materials, devices		2 🗆	A29.	Before deductions, what was your salary on this job as of the week of April 15? [Do <u>not</u> include bonuses, overtime, or additional compensation	•
	h. i.	recruiting, personnel development, training		2 🗆		 • If NOT salaried: Please estimate your earned income, excluding business expenses 	
	j.	(e.g., truck driver, machinist, or mechanic) Professional services (health care, financial services, legal services, etc.)		2		MARK ONE \$ per	
	k. l. m. n.	Sales, purchasing, marketing	1	2		4 ☐ Year 5 ☐ Academic Year 6 ☐ Other (Specify:	_)
A26.	the job	which TWO activities in A25, did you MOST hours during a typical week of the Activity MOST hours Activity MOST hours Activity SECOND MOST hours (Enter Z if no second most)	ou work on this	2 🗆	A30.	 Was this salary or earned income based on working full-time? If self-employed, please answer yes if you usually worked 35 or more hours a week on this job ☐ Yes 2 □ No 	

31.	cont	any of your work on this job supported by racts or grants from the U.S. government ng the week of April 15?		The following 3 questions provide information for the U.S. Department of Energy
		ederal employees please answer "No" RK ONE	A33.	From the following list of selected areas, indicate the ONE area, if any, to which you devoted the MOST hours during a typical week on this job.
+))) * * * * * * * * * * * *	1	Yes No)))))))), //> //> //> //> //> SKIP TO A33 Don't Know))- TES) Which Federal agencies or departments	+))) * * * * * * * * * * * * * * * * * *	MARK ONE o₁ □ Energy/Fuel o₂ □ Environment)))))))), o₃ □ Health/Safety
		e supporting your work? RK ALL THAT APPLY Agency for International Development (AID)	A04.	indicate the ONE ENERGY SOURCE that involve the largest proportion of your energy-related work during the past year.
	02 🗆	Agriculture Department		MARK ONE oi Coal
	03 🗌	Commerce Department		₀₂ ☐ Petroleum and natural gas
	04 🗌	Defense Department (DOD)		03 ☐ Nuclear fission
	05 🗌	Education Department (include NCES, OERI,		04 ☐ Nuclear fusion
		FIPSE, FIRST)		05 ☐ Hydroenergy
	06	Energy Department (DOE)		$_{06}$ \square Other Renewables (such as solar,
	07 🗌	Environmental Protection Agency (EPA)		biomass, wind, geothermal)
	08	Health and Human Services Department (excluding NIH)		of □ Other energy source (Specify:)
	09 🗌	Housing and Urban Development Department (HUD)	A35.	From the following list, indicate the ONE
	10	Interior Department		ENERGY-RELATED ACTIVITY that involved the
	11 🗆	Justice Department		largest proportion of your energy-related work during the past year.
	12 🗌	Labor Department		MARK ONE
	13 🗌	National Aeronautics and Space Administration (NASA)		□ Exploration and extraction
	14 🗌	National Institutes of Health (NIH)		Manufacture of energy-related equipment
	15 🗌	National Science Foundation (NSF)		o3 ☐ Fuel processing (include refining and enriching)
	16 🗆	Nuclear Regulatory Commission (NRC)		04 ☐ Electric power generation and transmission
	17 🗌	State Department		$_{05}$ \square Transportation and distribution of fuel
	18 🗌	Transportation Department (DOT)		06 ☐ Waste management or decommissioning
	19 🗌	Veterans Administration		or □ Conservation, utilization, management, or storage of energy/fuel
	20 🗌	Other (Specify:		08 ☐ Environment, health, and safety
	21 🗆	DON'T KNOW SOURCE AGENCY		○ Other energy-related activity, (Specify:

+))) * * * * * *	During the week of April 15, did you hold a second job (or business), including part-time, evening, or weekend work? 1 Yes 2 No SKIP TO PART B (PAGE 7)	A39.	your second job during	se estimate your earned siness expenses MARK ONE 1
A37.	 (IF YES) What kind of work were you doing at your second job during the week of April 15that is, what was your occupation? Please be as specific as possible, including any area of specialization. Example: College professor - Electrical engineering If you had more than two jobs, answer for the job at which you worked the second greatest number of hours that week 			3 □ Month 4 □ Year 5 □ Academic Year 6 □ Other (Specify:
		A40.	job related to your first in the U.S.? Was it MARK ONE Closely related	our work on this second st doctoral degree awarded
A38.	Using the JOB CODES (pp. 14-15) choose the code that BEST describes the work you were doing on your second job during the week of April 15. CODE		Somewhat relatedNot related	

B5.

MARK ONE

(IF NOT EDUCATIONAL INSTITUTION) Was your

employment during April 1988 with...

The next few questions will help us better understand how employment behavior changes over time. We will be asking you to think back 5 years ago to your employment activities during April 1988.

B1.		nking back 5 years, were you working for p profit) during any part of April 1988?	рау		01	A <u>Private for Profit</u> company, business or individual, working for wages, salary or commissions
	fi b	Fyou were a student: count jobs required as part of nancial aid award (e.g., work study/ assistantship ut do not count financial aid awards with no work equirement	s),		02 🗆	A <u>Private Not-for-Profit</u> , tax-exempt, or charitable organization <u>Self-Employed</u> in own NOT INCORPORATED business, professional practice, or farm
+)))) * * * * *	1	Yes No SKIP TO PART C (PAGE 9)				Self-Employed in own INCORPORATED business, professional practice, or farm Local government (city, county, etc.)
B2.	emp of A	(ES) Did you have the SAME principal ployer during both April 1988 and the week pril 15, 1993?	Κ			State government U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)
+)))) * * * * *	• If	Yes, same employer SKIP TO B6 No, different employer or had no employer during the week of April 15, 1993				U.S. government (civilian employee) Other (Specify:
т В3.		NO) Was your principal employer during il 1988 an educational institution?		В6.		your principal occupation during April 1988 SAME as the principal occupation you
+)))) * * * * * * *		Yes No SKIP TO B5 EDUCATIONAL INSTITUTION) Was this cational institution		+))))) * * * * *		Yes, same occupation SKIP TO B9 (PAGE 8) No, different occupation or was not employed during week of April 15, 1993
	MA l	An elementary, middle, or secondary *		* * B7.	(IF N	IO) What kind of work were you doing on
	2	school or system A 2-year college, junior college, technical institute A 4-year college or university, other *	* * * * * *	5	your principal job held during April 1988that is what was your occupation? Please be as specific as possible, including any area of specialization.	
	4 🗆	than a medical school A medical school (including university- * T			• E:	xample: College professor - Electrical engineering
	5 ☐ 6 ☐	A university-affiliated research institute * Other (Specify: *				

B8.	the	ing the JOB CODES (pp. 14-15), choose code that BEST describes the work you we ing on your principal job during April 1988.	re	B11.	yo re:	u ever	ceiving your spent 3 mo in a countr	nths or mo	re condu	cting
	I	CODE			1	Yes	SKIP TO	PART C (PA	GE 9)	
В9.	OC	d you have the SAME employer and SAME cupation in April 1988 and during the week April 15, 1993?		+))) * * * * * * *	2	No No				
	1 🗆	Yes SKIP TO PART C (PAGE 9)		B12.			Nould you			
	2 🗆		~			ates?	in a countr	y other than	i the Oni	ieu
+)))))		the week of April 15, 1993 SKIP TO PART (PAGE 9)			M	ARK O	NE			
+)))) * *	3 🗌	No		+) +1	1 🗆	Yes				
* * *				*.)	2 🗆	No				
* *				* *	3 🗆		s not apply: 1			
•				*			f to conducting United States	SKIP TO	PART C	
B10.	de	NOT SAME) Did these factors influence you cision to change employers or occupations tween April 1988 and the week of April 15, 93?	ır	* * *				(PAGE 9)		
		ARK YES OR NO FOR EACH		B13.	int		IES) How n n conductir with			
		YES 1	<u>10</u>		\mathbf{M}	ARK O	NE FOR EA	СН		
	a.	Pay, promotion opportunities $\dots 1 \square$ 2						A		
	b.	Working conditions (hours, equipment, working environment) $_1 \square$ 2							Some- what	Not <u>At All</u>
	c.	Job location			a.		financial t?	, \Box	2 🗆	з 🗆
	d.	Change in career or			h				2 🗀	3 🗀
		1			υ.		foreign langua g opportunitie		2 🗆	3 🗆
	e.	•			c.		access to			
	f.	School-related reasons (e.g., returned to school, completed a degree)				research (e.g., fu	ation on forei h opportunition unding source	es es,		
	g.	Laid off or job terminated					h activities).	1	2 🗌	3 🗌
	h.	Retired			d.		sabbatical olicy?	1 🗆	2 🗆	3 🗆
	i.	Other (Specify:			e.	Other (Specify:			
) 1 □ 2) .	1 🗆	2 🗆	3 🗆

PART C - Other Work-Related Information

C1.	How many years of professional work experience have you had:	C5.	(IF YES) During the past year, in which of the following areas did you attend work-related workshops, seminars, or other work-related	•
	• If none or less than half a year: Enter 0		training activities?	
	Number of Years		MARK YES OR NO FOR EACH YES	NO
			a. Management or supervisor training 1	<u>NO</u> 2 □
	a. Full-time		b. Technical training in my	
			occupational field	2 🗆
			public speaking, business writing) 1 □d. Other work-related training (<i>Specify</i>:	2 📙
C2.	During the past year, did you attend any professional society or association meetings or conferences?) 1 🗆	2 🗆
	 Include regional, national, or international meetings Yes 	C6.	For which of the following reasons did you attend training activities during the past year	r?
	2		MARK YES OR NO FOR EACH YES	<u>NO</u>
			a. To facilitate a change in my occupational field	2 🗆
C3.	To how many national or international		b. To acquire <u>further</u> skills or knowledge in my occupational field □	2 🗆
00.	professional societies or associations do you currently belong?		c. For licensure/certification	2 🗆
	Number: OR □ NONE		d. To increase opportunities for promotion/advancement/higher salary \dots 1 \square	2 🗆
			e. To learn skills or knowledge needed for a recently acquired position □	2 🗆
			f. Required or expected by employer $_1\Box$	2 🗆
C4.	During the past year, did you attend any WORK-RELATED workshops, seminars, or other work-		g. Other (Specify:	
	related training activities?) 1 🗆	2 🗆
	 Do <u>not</u> include college courses - these will be discussed in PART D 			
	 Do <u>not</u> include professional meetings unless you attended a special training session conducted at the meeting/conference 	C7.	What was your most important reason for attending training activities? ENTER LETTER O APPROPRIATE REASON FROM C6	F
	$_1$ \Box Yes \Rightarrow GO TO C5		MOST IMPORTANT REASON FROM C6	
	$_2 \square$ No \Rightarrow SKIP TO PART D (PAGE 10)			

PART D - Education Since First U.S. Doctorate

D1.	have U.S.	at is the highest degree, if any, that you e COMPLETED since receiving your first doctorate?	D6.	(IF YES) For which of the following reasons di you take college courses between completing your most recent degree and the week of April 15, 1993?	
	MARK ONE			MARK YES OR NO FOR EACH	
	0 🗆	HAVE NOT COMPLETED A DEGREE SINCE (FIRST) DOCTORATE SKIP TO D5			<u>NC</u>
+)	1 🗆	MBA			110
*	2 🗌	Master's		a. To acquire further education before beginning a career	2 🗆
*	3 🗌	Other doctorate		e e	2 [
+1 **	4 🗌	JD, LLB, LLM		c. To facilitate a change in my	
**	5 🗌	MD			2 🗆
**	6 🗌	Other professional degree		d. To acquire <u>further</u> skills or	
**	7 🗌	Other degree (Specify:		knowledge in my academic or occupational field	2 [
*)		•	2 🗆
* *				f. To increase opportunities for promotion/advancement/higher	_
D2.	Wha	it was your primary field of study?		•	2 [
		MARK THIS BOX (X) IF NO PRIMARY			2 [
		FIELD OF STUDY		Ī	2
		ary Field udy:		i. Other (<i>Specify</i> :)	2 🗆
D3.	In w 19 ∟	hat year was this degree awarded? Year	D7.	Between completing your most recent degree and the week of April 15, what was your prima field of study? MARK THIS BOX (X) IF NO PRIMARY	
				FIELD OF STUDY	
D4.		e <u>any</u> of your school-related costs for pleting this degree paid for by an employer?		Primary Field of Study:	
	1 🗆	Yes			
	2 🗆	No	D8.	Were <u>any</u> of your school-related costs for taking college or university courses during this time paid for by an employer?	
D5.	and	ween completing your most recent degree the week of April 15, 1993, did you take any ege or university courses?		1 □ Yes 2 □ No	
	1 🗆	Yes GO TO D6			
	2 🗆	No SKIP TO PART E (PAGE 11)			
	2 🗀	10 DMI TOTANTE (TAGE II)			

PART E - Background Information

E1.	In what month and year were you born?	E5.	Are you of Hispanic origin or descent?
	_ 19 Month Year	+)) * * * * *	 Yes No SKIP TO E7
E2.	In what U.S. state or territory were you born? (If outside the United States: Record country) State/Territory: OR Foreign Country:	E6.	Which of the following categories BEST describes your Hispanic descent? (If more than one category applies, please select the <u>one</u> you consider the most important part of your background) MARK ONE
E3.	Did you live in a rural or farming community at any time prior to reaching the age of 18?		 Mexican, Mexican-American, Chicano □ Puerto Rican □ Cuban
	2		4 ☐ Other Hispanic (Specify:
	by your parents? MARK ONE FOR EACH PARENT Father Mother (Stepfather or (Stepmother or	E7.	Are you:
	Male Guardian) Female Guardian) Less than high school diploma 01 □		MARK ONE 1 White
	High school diploma or equivalent		2 □ Black/African American 3 □ Asian or Pacific Islander
	Graduated from a 2-year college (Associate's degree) 04 □ 04 □ Graduated from a 4-year		 4 □ American Indian, Alaskan Native (Eskimo, Aleut) 5 □ Other (Specify:
	college (Bachelor's degree) $05 \square$ $05 \square$ At least some graduate or professional school $06 \square$ $06 \square$)
	Master's degree or equivalent (including MBAs) o 7 □ 07 □	E8.	Are you:
	PhD, MD, JD, or other advanced degree os □		

E9.	During the week of April 15 were you a:	E14.	(IF MARRIED) During the week of April 15, was your spouse working for pay (or profit) at a full-
	MARK ONE		time or part-time job?
	<u>U.S. Citizen</u>	+))	□ Vac full time
	□ Native Born SKIP TO E12	+1	o₁ ☐ Yes, full-time
	2 ☐ Naturalized SKIP TO E11	*.))	02 ☐ Yes, part-time
	Non-U.S. Citizen	*	03 □ No SKIP TO E16
+)	3 ☐ With a Permanent U.S. Resident Visa	*	
* +1	4 ☐ With a Temporary U.S. Resident Visa	*	
**	5 ☐ Living outside the United States	▼	
* * * * *		E15.	(IF YES) Did your spouse's duties on this job require technical expertise equivalent to at least a bachelor's degree in
· E10.	(IF NON-U.S. CITIZEN) Of which country are you		<u>YES</u> <u>NO</u>
LIU.	a citizen?		a. Engineering, computer science,
			math, or the natural sciences, 1 \square 2 \square
	COUNTRY:		b. The social sciences,
	OFFICE USE:		c. Some other field (Specify: 1 \(\simeg 2 \)
	19 OR □ Never came to stay Year	E16.	During the week of April 15, did you have any children living with you as part of your family? Only count children who lived with you at least 50 percent of the time. Students who board at school should be counted if they spend at least
E12.	During the week of April 15, 1993, were you living in the United States or one of its territories, or	+))	half of their vacation time with you.
	were you living in another country?	*	ı □ Yes
	□ United States	*	2 □ No SKIP TO E18 (PAGE 13)
	2 ☐ Another country	* *	
		E17.	(IF YES) How many of these children living with you as part of your family were
E13.	During the week of April 15 were you:		
	MARK ONE		If no children in a category: Enter 0
			NUMBER
	□ Married GO TO E14		Under the age of 6
	$_2 \square$ Widowed)))))), $_*$		Aged 6-11
	[∗] Separated * /) SKIP TO E16		Aged 12-17
	4 □ Divorced *		18 or older
	5 □ Never Married))) -		

The next question is designed to help us better understand the career paths of individuals with different physical abilities.

E18. What is the <u>usual</u> degree of difficulty you have with...

		MARK ONE FOR EACH					
		<u>None</u>	<u>Slight</u>	<u>Moderate</u>	<u>Severe</u>	<u>Unable to Do</u>	
	a. <u>Seeing</u> words or letters in ordinary newsprint (with glasses/contact lenses if you usually wear them)		2 🗆	з 🗆	4 🗆	5 □	
	b. Hearing what is normally said in conversation with another person (with hearing aid, if you usually wear one)		2 🗆	3 🗆	4 🗆	5 □	
	c. Walking without assistance (human o mechanical) or using stairs	r	2 🗆	3 🗆	4 🗆	5 🗆	
	d. <u>Lifting</u> or carrying something as heav 10 pounds, such as a bag of groceries		2 🗆	3 🗆	4 🗌	5 🗆	
E19.	☐ MARK THIS BOX (X) IF YOU ANSWERE	O "NONE" TO ALL	ACTIVITIE	S IN E18 AND TI	HEN SKIP TO) E20	
	What is the earliest age at which you first began experiencing any difficulties in any of these areas?						
	AGE: $ \underline{} $ OR \Box SINCE BIRTH	I					
E20.	In case we need to clarify some of the information you have provided, please list a phone number where you can be reached.			Area Code Number _ - - Daytime			
			Area	Code Numb	er		
			_	- _ -		Evenings	
E21.	Since we are interested in how edu employment change over time, we	 Name					
	recontacting you in 1995. To help us find you, please provide the name, address, and telephone number of someone who is likely to know where you can be reached. DO NOT INCLUDE SOMEONE		Numb	Number and Street			
	WHO LIVES IN YOUR HOUSEHOLD		City/T	own	Stat	e Zip Code	
	As with all the information provided in this questionnaire, complete confidentiality will be provided. This person will only be contacted if we cannot find you in 1995.			ry (If outside U			
			_	- - - Area Code Number			
E22.	Is the address information on the b	ack cover the	best one	for us to use	for any fu	uture mailing?	
	1 □ Yes 2 □ No - Please make needed changes on back cover						

JOB CODES

This list is ordered <u>alphabetically</u>. The titles in bold type are broad job categories. To make sure you have found the BEST code, please review <u>all</u> broad categories before making your choice. If you cannot find the code that BEST describes your job, use the "OTHER" code under the most appropriate broad category in bold print. If none of the codes fit your job, use Code 500.

010 Artists, Broadcasters, Editors, Entertainers, Public Relations Specialists, Writers

Biological/Life Scientists

- 021 Agricultural and food scientists
- 022 Biochemists and biophysicists
- 023 Biological scientists (e.g., botanists, ecologists, zoologists)
- 024 Forestry, conservation scientists
- 025 Medical scientists (excluding practitioners)
- 026 Technologists & technicians in the biological/life sciences
- 027 OTHER biological/life scientists

Clerical/Administrative Support

- 031 Accounting clerks, bookkeepers
- 032 Secretaries, receptionists, typists
- 033 OTHER administrative (e.g., record clerks, telephone operators)

040 Clergy & Other Religious Workers

Computer Occupations (Also see 173)

- *** Computer engineers (See 087, 088 under Engineering)
- 051 Computer programmers (business, scientific, process control)
- 052 Computer system analysts
- 053 Computer scientists, except system analysts
- 054 Information systems scientists or analysts
- 055 OTHER computer, information science occupations
- *** Consultants (select the code that comes closest to your usual area of consulting)

070 Counselors, Educational & Vocational (Also see 236)

Engineers, Architects, Surveyors

- 081 Architects
- *** Engineers (Also see 100-103)
 - 082 Aeronautical, aerospace, astronautical
 - 083 Agricultural
 - 084 Bioengineering & biomedical
 - 085 Chemical
 - 086 Civil, including architectural & sanitary

- *** Engineers (continued)
 - 087 Computer engineer hardware
 - 088 Computer engineer software
 - 089 Electrical, electronic
 - 090 Environmental
 - 091 Industrial
 - 092 Marine engineer or naval architect
 - 093 Materials or metallurgical
 - 094 Mechanical
 - 095 Mining or geological
 - 096 Nuclear
 - 097 Petroleum
 - 098 Sales
 - 099 Other engineers
- *** Engineering Technologists and Technicians
 - 100 Electrical, electronic, industrial, mechanical
 - 101 Drafting occupations, including computer drafting
 - 102 Surveying and mapping
 - 103 OTHER engineering technologists and technicians
- 104 Surveyors

110 Farmers, Foresters & Fishermen

Health Occupations

- 111 Diagnosing/Treating Practitioners
 - (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)
- 112 Registered nurses, pharmacists, dieticians, therapists,
 - physician assistants
- 113 Health Technologists & Technicians
 - (e.g., dental hygienists, health record technologist/technicians, licensed practical nurses, medical or laboratory technicians, radiologic technologists/technicians)
- 114 OTHER health occupations

120 Lawyers, Judges

130 Librarians, Archivists, Curators

Managers, Executives, Administrators (Also see 151-153)

- 141 Top and mid-level managers, executives, administrators
- (people who manage other managers)
- All other managers, including the self-employed Use the code that comes closest to the field you manage

JOB CODES (CONTINUED)

Management-Related Occupations (Also see 141)

- 151 Accountants, auditors, and other financial specialists
- 152 Personnel, training, and labor relations specialists
- 153 OTHER management related occupations

Mathematical Scientists

- 171 Actuaries
- 172 Mathematicians
- 173 Operations research analysts, modelling
- 174 Statisticians
- 175 Technologists and technicians in the mathematical sciences
- 176 OTHER mathematical scientists

Physical Scientists

- 191 Astronomers
- 192 Atmospheric and space scientists
- 193 Chemists, except biochemists
- 194 Geologists, including earth scientists
- 195 Oceanographers
- 196 Physicists
- 197 Technologists and technicians in the physical sciences
- 198 OTHER physical scientists

Research Associates/Assistants

(Select the code that comes closest to your field)

Sales and Marketing

- 200 Insurance, securities, real estate, & business services
- 201 Sales Occupations Commodities Except Retail (e.g., industrial machinery/equipment/supplies, medical and dental equip/supplies)
- 202 Sales Occupations Retail
 - (e.g., furnishings, clothing, motor vehicles, cosmetics)
- 203 OTHER marketing and sales occupations

Service Occupations, Except Health (Also see 111-114)

- 221 Food Preparation and Service (e.g., cooks, waitresses, bartenders)
- 222 Protective services (e.g., fire fighters, police, guards)
- 223 OTHER service occupations, except health

Social Scientists

- 231 Anthropologists
- 232 Economists
- 233 Historians, science and technology
- 234 Historians, except science and technology
- 235 Political scientists
- 236 Psychologists, including clinical (Also see 070)
- 237 Sociologists
- 238 OTHER social scientist

240 Social Workers

Teachers/Professors

- 251 Pre-Kindergarten and kindergarten
- 252 Elementary
- 253 Secondary computer, math, or sciences254 Secondary social sciences
- 255 Secondary other subjects
- 256 Special education primary and secondary
- 257 OTHER precollegiate area
- Postsecondary
 - 271 Agriculture
 - 272 Art, Drama, and Music

 - 273 Biological Sciences274 Business Commerce and Marketing
 - 275 Chemistry
 - 276 Computer Science
 - 277 Earth. Environmental, and Marine Science
 - 278 Economics
 - 279 Education
 - 280 Engineering
 - 281 English
 - 282 Foreign Language
 - 283 History
 - 284 Home Economics
 - 285 Law
 - 286 Mathematical Sciences
 - 287 Medical Science
 - 288 Physical Education
 - 289 Physics
 - 290 Political Science
 - 291 Psychology
 - 292 Social Work
 - 293 Sociology
 - 294 Theology
 - 295 Trade and Industrial
 - 296 OTHER health specialties
 - 297 OTHER natural sciences
 - 298 OTHER social sciences
 - 299 OTHER Postsecondary

Other Professions

- 401 Construction trades, miners & well drillers
- 402 Mechanics and repairers
- 403 Precision/production occupations

(e.g., metal workers, woodworkers, butchers, bakers, printing occupations, tailors, shoemakers, photographic process)

404 Operators and related occupations

(e.g., machine set-up, machine operators and tenders, fabricators, assemblers)

405 Transportation/material moving occupations

500 Other Occupations (Not Listed)

Thank you for completing the question	onnaire. Please return the completed form in the envelope
provided. If you lose the envelope an	nd want another, call 1-800-248-8649. Our address is:
	National Research Council GR 415
	2101 Constitution Avenue, NW
	Washington, DC 20418