OMB No. 3145-0020: Approval Expires 04/30/2003



2001 Survey of Doctorate Recipients

This information is solicited under the authority of the National Science Foundation Act of 1950, as amended. All information you provide will be treated as confidential and used only for research or statistical purposes by the survey sponsors (the National Science Foundation and the National Institutes of Health), their contractors, and collaborating researchers for the purpose of analyzing data and preparing scientific reports and articles. Any information publicly released (such as statistical summaries) will be in a form that does not personally identify you. Your response is voluntary and failure to provide some or all of the requested information will not in any way adversely affect you. Actual time to complete the questionnaire may vary depending on your circumstances. On the average, it will take about 25 minutes to complete the questionnaire. If you have any comments on the time required for this survey, please send them to Suzanne H. Plimpton, National Science Foundation, 4201 Wilson Boulevard, Suite 295, Arlington, VA 22230. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number.

Conducted by:

U.S. Department of Commerce Economics and Statistics Administration U.S. CENSUS BUREAU for the National Science Foundation Arlington, VA

INSTRUCTIONS

Thank you for taking the time to complete this questionnaire. 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.

- Please use an "X" when answering questions that require marking a box.
- In order to get comparable data, we will be asking you to refer to the week of April 15, 2001 (i.e., April 15 – April 21, 2001) when answering most questions.
- Follow all "SKIP" instructions AFTER marking a box. If no "SKIP" instruction is provided, you should continue to the NEXT question.
- Either a pen or pencil may be used.
- 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.

PART A – Employment Status During the Reference Week of April 15 – 21, 2001		A6.	. Using the JOB CODES LIST (pages 16–17), choose the code that BEST describes the	
A1.	Were you working for pay (or profit) during the week of April 15, 2001? This includes a post-doctoral appointment, being self-employed or temporarily absent from a job even if unpaid (e.g., illness, vacation or parental leave).		work you were doing on this last job. → SKIP to A42, page 7	
	1 ☐ Yes → SKIP to A7			
	-2 No			
↓ A2.	(IF NO) Did you look for work during the four weeks preceding April 15, 2001 (that is, anytime between March 19 and April 15, 2001)?	A7.	(IF WORKED DURING WEEK OF APRIL 15TH) Counting all jobs held during the week of April 15, 2001, did you USUALLY work	
	2 No		△ A total of 35 or more hours per	
			week → <i>SKIP to A10, page 2</i> - 2 □ Fewer than 35 hours per week	
А3.	What were your reasons for not working during the week of April 15?		- 2 🗆 rewei tilali 33 flodis per week	
	Mark (X) all that apply. Year Retired			
	Retired	A8.	(IF FEWER THAN 35 HOURS) During the week	
	2 ☐ On layoff from a job 3 ☐ Student	1101	of April 15, did you want to work a full-time work week of 35 or more hours?	
	4 ☐ Family responsibilities		_	
	5 Chronic illness or permanent disability		1 Yes	
	6 ☐ Suitable job not available		2 No	
	7 🗌 Did not need or want to work			
	8 ☐ Other – <i>Specify _▼</i>			
A4.	Prior to the week of April 15, 2001, when did you last work for pay (or profit)?	A9.	What were your reasons for working a part-time work week (i.e., less than 35 hours) during the week of April 15?	
	you last from for pay (or promy)		Mark (X) all that apply.	
	□ ← Mark (X) this box if never worked for pay (or profit) and SKIP to Part D, page 10.		Year Retired	
	Month Year		□ Retired or semi-retired →	
	1000		2 Student	
	LAST WORKED		₃ ☐ Family responsibilities	
			4 Chronic illness or permanent disability	
A5.	What kind of work were you doing on this last job - that is, what was your occupation? Please be as specific as possible, including any area		5 Suitable full-time work week job not available SKIP to A11, page 2	
	of specialization.		6 ☐ Did not need or want to work full-time	
	EXAMPLE: College professor – Electrical engineering		work full-time 7 \square Something else – <i>Specify</i>	

A10. (IF 35 OR MORE HOURS) Although you were working during the week of April 15, had you previously RETIRED from any position?	A12. What was that EMPLOYER'S MAIN BUSINESS OR INDUSTRY; that is, what did that employer make or do?
Examples of retirement include mandatory retirement, early retirement, or voluntary retirement. Year Retired	IF PRINCIPAL EMPLOYER HAS MORE THAN ONE TYPE OF BUSINESS: Please answer for the type o business primarily performed at the location where you worked.
1 □ Yes ———	EXAMPLE: Production of microprocessor chips
2 □ No	EMPLOYER'S MAIN BUSINESS
	A12a. Which one of the following categories best reflects that EMPLOYER'S MAIN BUSINESS OR INDUSTRY?
The next several questions ask about your principal employer during the week of April 15, 2001.	IF PRINCIPAL EMPLOYER HAS MORE THAN ONE TYPE OF BUSINESS: Please answer for the type of business primarily performed at the location where you worked.
	Mark (X) ONLY One.
A11. Who was your principal employer during the week of April 15, 2001?	☐ Agriculture, forestry, or fishing
IF MORE THAN ONE JOB: Record employer for whom you worked the most hours that week.	2 ☐ Biotechnology 3 ☐ Construction or mining
IF EMPLOYER HAD MORE THAN ONE LOCATION:	4 ☐ Education
Record location where you usually worked.	5 ☐ Finance, insurance or real estate services 6 ☐ Health services
Employer Name	7 Information technology or computer
	services
Department/Division	8 Other services (e.g., social, legal, business) 9 Manufacturing
	10 ☐ Public administration/government
Street	11 ☐ Research – Specify 戻
City/Town	12 Transportation services, utilities or communications
State/Foreign Country ZIP Code	communications 13 Wholesale or retail trade
	14 ☐ Other

A13.	Counting all locations where this employer operates, how many people work for your principal employer? Your best estimate is fine.	A16.	Was your principal employer an educational institution? 1 □ Yes
	Mark (X) ONLY One. 1 ☐ Under 10 employees 2 ☐ 10-24 employees 3 ☐ 25-99 employees 4 ☐ 100-499 employees 5 ☐ 500-999 employees 6 ☐ 1,000-4,999 employees	¥ A17.	2 □ No → SKIP to A20, page 4 (IF EDUCATIONAL INSTITUTION) Was this
	7 ☐ 5,000+ employees		educational institution a Mark (X) ONLY One. Preschool, elementary, or middle school or system
A14.	Did your principal employer come into being as a new business within the past 5 years? 1 Yes 2 No		A20, page 4 3 □ Two-year college, community college, technical institute 4 □ Four-year college or university, other than a medical school 5 □ Medical school (including university-affiliated hospital or medical center)
A15.	Was your principal employer during the week of April 15 IF EMPLOYER WAS A SCHOOL: Mark (X) the type of organizational charter (e.g., mark "state government" for state schools; most private schools are "private not-for-profit"). Mark (X) ONLY One. 1 A PRIVATE FOR-PROFIT company, business or individual, working for wages, salary or		6 ☐ University-affiliated research institute 7 ☐ Something else – Specify
	commissions 2	A18.	What was your faculty rank? Mark (X) ONLY One. 1 Not applicable at this institution 2 Not applicable for my position 3 Professor 4 Associate Professor 5 Assistant Professor 6 Instructor 7 Lecturer 8 Adjunct Faculty 9 Other – Specify

A19.	What was your tenure status?	A23.	Was this job a "postdoc?"
	Mark (X) ONLY One.		A "postdoc" is a temporary position awarded in academe, industry, or government primarily for gaining additional education and training
	□ Not applicable: no tenure system at this institution		in research.
	2 Not applicable: no tenure system for my position		- 1 □ Yes
	3 Tenured		2 ☐ No → SKIP to A26
	4 ☐ On tenure track but not tenured 5 ☐ Not on tenure track		
	<u> </u>	↓	
Th	ne next set of questions asks about your	A24.	(IF YES) What were your reasons for taking this postdoc?
w	ork on your principal job during the week April 15, 2001.		Mark (X) Yes or No for each item. \forall YES NO \forall \forall
A20.	What kind of work were you doing on		1. Additional training in PhD field $1 \square$ $2 \square$
71201	your principal job held during the week of April 15, 2001 — that is, what was your		2. Training in an area outside of PhD field
	occupation? Please be as specific as possible, including any area of specialization.		3. Work with a specific person or place
	EXAMPLE: College professor – Electrical engineering		4. Other employment not available
			5. Postdoc generally expected for career in this field 1 2
			6. Some other reason – Specify
A21.	Using the JOB CODES LIST (pages 16–17), choose the code that BEST describes the work you were doing on your principal job during the week of April 15.	A25.	What were your two MOST important reasons for taking this postdoc? Enter number of appropriate reason from A24 above.
	CODE		
A22.	Did your duties on this job require the		1 MOST important reason
	technical expertise of a bachelor's degree or higher in		SECOND MOST important reason (Enter "0" if no second most)
	Mark (X) Yes or No for each item.		
	1. Engineering, computer science, math, or the natural sciences 1 □ 2 □		
	2. The social sciences	A26.	During what month and year did you start this job, (that is, your principal job held
	3. Some other field (e.g., health or business) – <i>Specify</i>		during the week of April 15, 2001)?
			Month Year
			JOB STARTED

A27.	Thinking about the relationship between your work and your education, to what extent was your work on your principal job held during the week of April 15 related to your (first U.S.) doctoral degree? Was it	A30. The next question is about your work activities on your principal job. Which of the following work activities occupied 10 percent or more of your time during a TYPICAL work week on this job?
	Mark (X) ONLY One.	Mark (X) Yes or No for each item. YES NO
	Closely related Somewhat related SKIP to A30	1. Accounting, finance, contracts 1 2 2
	-₃ □ Not related	2. Applied research – study directed toward gaining scientific knowledge to meet a recognized need 1 2
		3. Basic research – study directed toward gaining scientific knowledge primarily for its own sake 1 □ 2 □
A28.	(IF NOT RELATED) Did these factors influence your decision to work in an area	4. Computer applications, programming, systems development
	OUTSIDE THE FIELD OF YOUR (FIRST U.S.) DOCTORAL DEGREE? Mark (X) Yes or No for each item.	5. Development – using knowledge gained from research for the production of materials, devices 1 2 2
	YES NO ↓ ↓	6. Design of equipment, processes, structures, models
	 Pay, promotion opportunities 1 2 Working conditions (e.g., hours, 	7. Employee relations – including recruiting, personnel development, training
	equipment, working environment)	8. Managing or supervising 1 2 2
	3. Job location 1 2 4. Change in career or professional interests 1 2	9. Production, operations, maintenance (e.g., truck driving, machine tooling, auto/machine repairing)
	5. Family-related reasons (e.g., children, spouse's job moved) 1 2	10. Professional services (e.g., health care, counseling, financial services, legal services)
	 6. Job in doctoral degree field not available	11. Sales, purchasing, marketing, customer service, public
		relations
		12. Quality or productivity management
		13. Teaching
		14. Other – <i>Specify</i> ⊋
A29.	Which TWO factors in A28 represent your MOST important reasons for working in an area outside the field of your (first U.S.) doctoral degree? Enter number of appropriate reason from A28 above.	A31. On which TWO activities in A30 did you work the MOST hours during a typical week on this job? Enter number of appropriate activity from A30 above.
	1 MOST important reason	1 Activity MOST hours
	SECOND MOST important reason (Enter "0" if no second most)	Activity SECOND MOST hours (Enter "0" if no second most)

								`
	Did you supervise the part of your princip, week of April 15? Mark "YES": If you as AND recommended of actions such as hiring, TEACHERS: Do NOT compared to the principle of the principle of the principle of the part of th	al job hel signed du r initiated firing or ount stude	d during ties to wo personne promoting ents.	the rkers ! y.	A35.	ANNUAL April 15, overtime, summertin IF NOT SA income, e.	eductions, what wa salary on this job a: 2001? Do NOT include or additional comper me teaching or resear LARIED: Please estima xcluding business exp .00 NUAL SALARY/EARNE	s of the week of le bonuses, isation for ch. ate your earned enses.
	IF NONE, enter "0".		Num					
			Super	viseu				
	1. Supervise DIRECT	LY						
	2. Supervise through							
	subordinate super	visors						
					A36.	During a	typical week on thi	s job, how
						many ho	urs did you usually	work?
A34.	Thinking about you during the week of	April 15,	please ra	d ate		NIIMPED	OF HOURS PER WEEK	
	your satisfaction w	ith that j	ob's			NOIVIDEN	OF HOORS PER WEEK	
	Mark (X) ONLY One 1	for each it	em.					
	Very Satisfied	Somewhat Satisfied	Somewhat Dissatisfied	Very Dissatisfied				
	<u> </u>	<u> </u>	<u></u>	<u>\underset</u>				
	lary 1	2	3	4				
	enefits 1	2	3 🔲	4 📙				
	b security 1 \square	2	3 🗔	4				
		2	3	4				
ad	oportunities for Ivancement 1 🗌	2 🔲	3 🔲	4 🗌				
	tellectual allenge 1 🗆	2 🔲	3	4				
	vel of sponsibility 1	2	3 🗆	4	A37.	Including	paid vacation and	paid sick
8. De	egree of dependence 1	2 🗆	3 🗆	4 🗆		leave, up	on how many week salary based?	s per year
	ontribution to	2	3 🔲	4 🗀				
so	ciety 1	2	3	4		NUMBER	OF WEEKS PER YEAR	
l l								

A38.	During the week of April 15, 2001, were you working for pay (or profit) at <u>a second job</u> (or business), including part-time, evening, or weekend work?	A42.	you	nking back now to 2000 ur work during 2000 su NTRACTS OR GRANTS fr vernment?	ported by
	-1 ☐ Yes 2 ☐ No → <i>SKIP to A42</i>		0 🔲	← Mark (X) this box if work in 2000 and SKIP	you did not to B1, page 8.
			FEDI	DERAL EMPLOYEES: <i>Please</i>	answer "No".
			Mar	rk (X) ONLY One.	
¥ A39.	(IF YES) What kind of work were you doing at your second job during the week of April 15 — that is, what was your occupation? Please be as specific as possible,		-1	Yes	A44
	including any area of specialization. IF YOU HAD MORE THAN TWO JOBS THAT WEEK: Answer for the job where you worked	¥ A43.		YES) Which Federal age partments were suppor	
	the second most hours.		Mari	rk (X) all that apply.	
	EXAMPLE: Consultant – counseling psychology		1 🔲	Agriculture Department	(USDA)
			2 🔲	Defense Department (DC)D)
				Department of Education OERI, FIPSE, FIRST)	n (include NCES,
				Energy Department (DOI	
				Environmental Protection	
			6	Health and Human Serviol (Excluding NIH)	ces Department
				National Aeronautics and Administration (NASA)	d Space
			8	National Institutes of He	alth (NIH)
A40.	Using the JOB CODES LIST (pages 16-17), choose the code that BEST describes the			National Science Founda	` ′
	work you were doing on your second job			Transportation Departme	ent (DOT)
	during the week of April 15.		11 📙	Other – <i>Specify</i>	
	CODE		12 🗌	DON'T KNOW SOURCE A	GENCY
A41.	To what extent was your work on this second job related to your (first U.S.) doctoral degree? Was it	A44.	you BEF salar cons	unting all jobs held in 2 ur TOTAL EARNED incon FORE deductions? Includeries, bonuses, overtime, c sulting fees, net income f	ne for 2000, le all wages, ommissions, from businesses,
	Mark (X) ONLY One.		appo	nmertime teaching or rese pointment, or other work polarships.	associated with
	□ Closely related		\$.00)
	2 Somewhat related				_
	₃ ☐ Not related		ТОТ	TAL 2000 EARNED INCOM	E

PART B – Past Employment The next few questions will help us better understand employment changes over time.	PART C – Other Work and Career Related Experience			
B1. Were you working for pay (or profit) during BOTH of these time periods — the week of April 15, 1999 AND the week of April 15, 2001? IF YOU WERE A STUDENT: Do NOT count financial aid awards with no work requirement. Yes 2 □ No → SKIP to C1 B2. (IF YES) During these two time periods — the week of April 15, 1999, and the week of April 15, 2001 — were you working for	C1. Since April 1995, how many If NONE, enter "0". 1. Papers have you (co)authored for presentation at regional, national or international conferences. Do not count presentations of the same work more than once 2. Articles, (co)authored by you, have been accepted for publication in a refereed professional journal 3. Books or monographs, (co)authored by you, have been published or accepted for publication			
Mark (X) ONLY One. 1 □ Same employer AND same job → SKIP to C1 2 □ Same employer BUT different job 3 □ Different employer BUT same job 4 □ Different employer AND different job B3. (IF DIFFERENT) Why did you change your employer or your job? Mark (X) Yes or No for each item. YES NO 1. Pay, promotion opportunities 1 □ 2 □ 2. Working conditions (e.g., hours, equipment, working environment) 1 □ 2 □ 3. Job location 1 □ 2 □ 4. Change in career or professional interests 1 □ 2 □ 5. Family-related reasons (e.g., children, spouse's job moved) 1 □ 2 □ 6. School-related reasons (e.g., returned to school, completed a degree) 1 □ 2 □ 7. Laid off or job terminated (includes	C2. Since April 1995, have you been named as an inventor on any application for a U.S. patent? 1 □ Yes 2 □ No → SKIP to C4, page 9 C3. (IF YES) Since April 1995 Number 1. How many applications for U.S. patents			
company closings, mergers, buyouts, grant or contract ended)	have named you as an inventor? 2. How many U.S. patents have been granted to you as an inventor? 3. How many of the patents recorded as GRANTED (in category 2 above) have resulted in commercialized products or processes or have been licensed?			

C4.	During the past year, did you attend any professional society or association meetings or professional conferences? Include regional, national, or international meetings.	C8.	For which or you attend to past year?	f the foll training	owing re activities	easons did during th	e
			Mark (X) Yes	or No for	each iten	n. Y	ES NO
	1 ☐ Yes 2 ☐ No		1. To facilitat occupation	te a chang nal field	ge in your	1[↓ ↓ ↓
			2. To gain FU in your occ			wledge	2
			3. For licensu	re/certific	ation	1[2
C5.	To how many national or international professional societies or associations do you currently belong?		4. To increase promotion salary	ı/advance	ment/high	ner 1[2
	_		5. To learn sk for a recer			needed on 1	2
	Number OR • NONE		6. Required of	or expecte	ed by emp	loyer 1	2
			7. Other – <i>Sp</i>	ecify 📈 .		1[2
C6.	During the past year, did you attend any WORK-RELATED workshops, seminars, or other work-related training activities? Do NOT include college courses – these will be discussed in PART D. Do NOT include professional meetings unless you attended a special training session conducted at the meeting/conference. 1 □ Yes 2 □ No → SKIP to C10		What was you attending to appropriate it. MOST IMPORE When think important to you	raining a reason fro RTANT RE. king abo is each o	ctivities? om C8 abo ASON FRC ut a job, of the foll	P Enter numbers. DM C8 how	ber of
					ioi cacii ii	tem.	
				Very	Somewhat	Somewhat	Not Important
↓ C7 .	the following areas did you attend work-related workshops, seminars, or other work-related training activities?	2. B	alary enefits	Important ↓ 1 □ 1 □	Somewhat Important	Somewhat Unimportant	
↓ C7 .	the following areas did you attend work-related workshops, seminars, or other work-related training activities? Mark (X) Yes or No for each item. YES NO	2. B 3. Jo	enefits	Important 1	Somewhat Important	Somewhat Unimportant	Important At All
C7 .	the following areas did you attend work-related workshops, seminars, or other work-related training activities? Mark (X) Yes or No for each item.	2. B 3. Jo 4. Jo 5. C	enefits ob security	Important 1 1 1 1	Somewhat Important	Somewhat Unimportant	Important At All 4 4 4
C7 .	the following areas did you attend work-related workshops, seminars, or other work-related training activities? Mark (X) Yes or No for each item. YES NO 1. Management or supervisor training 1 2 2. Training in your occupational field 1 2	2. B 3. Jo 4. Jo 5. C a	enefits bb security bb location pportunities for	Important	Somewhat Important	Somewhat Unimportant 3	Important At All 4
C7 .	the following areas did you attend work-related workshops, seminars, or other work-related training activities? Mark (X) Yes or No for each item. YES NO 1. Management or supervisor training 1 2 2. Training in your occupational field 1 2 3. General professional training (e.g., public speaking, business writing) 1 2	2. B 3. Jo 4. Jo 5. C a 6. Ir	enefits ob security ob location opportunities for dvancement atellectual	Important 1 1 1 1 1 1 1 1	Somewhat Important	Somewhat Unimportant 3	Important At All 4
C7 .	the following areas did you attend work-related workshops, seminars, or other work-related training activities? Mark (X) Yes or No for each item. YES NO 1. Management or supervisor training	2. B 3. Jo 4. Jo 5. Co a 6. Irr 7. L 8. D	enefits	Important	Somewhat Important 2	Somewhat Unimportant 3	Important At All 4

	PART D – Background Information	D4. Between April 1999 and April 2001, did you complete a degree or certificate?	
D1.	Between April 1999 and April 2001, did you take any college or university courses or enroll in a college or university for other reasons, such as completing a Master's or another doctorate? 1 ☐ Yes 2 ☐ No → SKIP to E1, page 11	1 ☐ Yes 2 ☐ No → SKIP to D7, page 11	
		D4a. (IF YES) What degree or certificate did you	
↓ D2.	(IF YES) In which department of the college or university were you primarily taking classes or doing research, etc. (e.g., English, chemistry)? DEPARTMENT	receive? Enter number of appropriate TYPE OF DEGREE/CERTIFICATE received from D3. TYPE OF DEGREE/CERTIFICATE FROM D3	
D3.	During that time, toward what degree or certificate, if any, were you (or are you) working?	D5. In what month and year was this degree or certificate awarded? IF YOU COMPLETED MORE THAN ONE: Enter the date for the highest degree or certificate awarded.	
		Month Year	
	IF MORE THAN ONE APPLIES: Mark the highest level.		
	Mark (X) ONLY One.		
	1 ☐ Bachelor's degree 2 ☐ Post baccalaureate certificate 3 ☐ Master's degree (including MBA) 4 ☐ Post master's certificate 5 ☐ Doctorate (e.g., Ph.D., D.S.C., D.Sc., Ed.D.) 6 ☐ Other professional degree (e.g., JD, LLB, ThD, MD, DDS) – Specify Post baccalaureate certificate Post baccalaureate	D6. From which academic institution did you receive this degree or certificate? School Name	
	7 ☐ Other – Specify	City/Town	
	, a said specify	State/Foreign Country	
			_

D7.	What was your primary field of study during that time?	PART E – Recent Doctorate Recipients
	PRIMARY FIELD OF STUDY	E1. Did you receive your (first U.S.) doctoral degree at any time between July 1998 and June 2000? 1 □ Yes 2 □ No → SKIP to F1, page 13
D8.	For which of the following reasons were you taking classes or enrolled between April 1999 and April 2001? Mark (X) Yes or No for each item.	E2. (IF YES) Between completing your doctorate and the week of April 15, 2001 have you sought or held what you would consider a "career path" job? A "career path" job is a job that will help
	1. To gain further education before beginning a career 1 2 3. To prepare for graduate school 2 4. To gain FURTHER skills or knowledge in your academic or occupational field 2 5. For licensure/certification 1 2 5. For licensure/certification 1 2 7. Required or expected by employer 1 7. Required by em	further your career plans or is a job in a field where you want to make your career. 1 Yes, have sought or held a career path job 2 No, have not sought or held a career path job → SKIP to E7, page 12 E3. (IF YES) To what extent, if at all, was your search for a career path job limited by Mark (X) ONLY One for each item. A Great Some- or Not Applicate the Additional Some- or Not Additional Some-
D9.	9. Other – Specify Were ANY of your school-related costs for taking college or university courses during this time paid for by an employer? 1 ☐ Yes 2 ☐ No	2. Spouse's career or employment

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E4.	Which of the following resources did you use for seeking or finding your first career path job after receiving your doctorate?	E7. In terms of preparing you for a career, how adequate was your doctoral program or training in each of the following areas?
	If you have not yet obtained a career path job, please indicate the sources used in your job search.	Mark (X) ONLY One for each item.
	Mark (X) Yes or No for each item. YES NO	Some- Very what Not Not Ade- Ade- Ade- Appli quate quate cable
	↓ ↓	, j , j , j , j
	1. Faculty or advisors	1. General problem solving skills
	2. Professional recruiters such as "head hunters"	2. Subject matter knowledge
	3. College or department placement office	3. Oral communication skills
	4. Professional meetings	4. Teaching skills 1 _ 2 _ 3 _ 4 _
	5. Electronic postings 1 2	5. Collaboration and team work skills 1 □ 2 □ 3 □ 4 □
	6. Newspapers	6. Quantitative skills 1 2 3 4 4
	7. Professional journals 1 2	
	8. Informal channels through colleagues or friends	7. Writing skills
		8. Computer skills 1 2 3 4 4
	9. Direct contacts you initiated with company (e.g., sent unsolicited vita) . 1 2 2	9. Research integrity/ ethics
	10. Other – <i>Specify</i>	10. Establishing contacts with colleagues in field
E5.	Which TWO resources in E4 were most	11. Management or administrative skills 1 □ 2 □ 3 □ 4 □
	responsible for finding your first career path job? Enter number of appropriate resource from E4 above. □ ← Mark (X) this box if you have not held or accepted a career path job since receiving your doctorate and SKIP to E7.	E8. In which TWO areas in E7 would you have liked to have had more training or emphasis in your doctoral program? Enter number of appropriate area from E7 above. □ ← Mark (X) this box if none (no additional training or emphasis desired).
	1 MOST important resource	1. FIRST area
	2 SECOND MOST important resource (Enter "0" if no second resource)	SECOND area (Enter "0" if no second area)
E6 .	How many months elapsed between the time you <u>completed</u> your doctorate and the time you accepted your first career path job?	E9. Overall, how satisfied are you with the doctoral program you completed?
	If your career path job began while you were completing or within one month of receiving your doctoral degree: Enter "0".	Mark (X) ONLY One. 1 □ Very satisfied 2 □ Somewhat satisfied
	NUMBER OF MONTHS	3 ☐ Somewhat dissatisfied 4 ☐ Very dissatisfied

	PART F – Demographic Information	
F1.	As of the week of April 15, 2001 were you Mark (X) ONLY One. Married Widowed Separated Divorced Never Married	F4. As of the week of April 15, 2001 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. 1 ☐ Yes 2 ☐ No → SKIP to F6, page 14
F2.	(IF MARRIED) During the week of April 15, was your spouse working for pay (or profit) at a full-time or part-time job? 1 □ Yes, full-time 2 □ Yes, part-time 3 □ No → SKIP to F4	F5. (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 2. Aged 2 – 5 3. Aged 6 – 11 4. Aged 12 – 17 5. Aged 18 or older
∀ F3.	(IF YES) Did your spouse's duties on this job require the technical expertise of a bachelor's degree or higher in Mark (X) Yes or No for each item. YES NO 1. Engineering, computer science, math or the natural sciences 1 2 2. The social sciences 1 2 3. Some other field (e.g., health or business) – Specify 7	

F6.	During the week of April 15, 2001, were you living in the United States or one of its territories, or were you living in another country? United States or one of its territories Another country	F9. Are you Hispanic (or Latino)? 1 Yes 2 No >> SKIP to F11 F10. Which of the following describes your Hispanic origin or descent? 1 Mexican American or Chicano 2 Puerto Rican 3 Cuban
	As of the week of April 15, 2001, were you a Mark (X) ONLY One. U.S. Citizen Native born Non-U.S. Citizen With a Permanent U.S. Resident Visa With a Temporary U.S. Resident Visa Living outside the United States	F11. What is your racial background? Mark (X) one or more. 1 American Indian or Alaska Native – Specify tribal affiliation(s) 2 Native Hawaiian or other Pacific Islander 3 Asian 4 Black or African-American 5 White
F8.	(IF NON-U.S. CITIZEN) Of which country are you a citizen? COUNTRY	F12. What is your birthdate? Month Day Year 19

											Page	
					help us bette al abilities.	r understaı	nd the c	areer pa	ths of			
E12	What is the USUAL degree of difficulty you have with						MARK (X) ONE FOR EACH ITEM					
rij.							None	. ,	Moderate		Unable to Do	
	1. SEEING words or letters in ordinary newsprint (with glasses/contact lenses if you usually wear them)						<u></u>	2	3 🗌	4 🔲	5 🗌	
	2. HEARING what is normally said in conversation with another person (with hearing aid, if you usually w					vith wear one)	. 1	2	3 🗌	4 🔲	5	
	3. WALKII assistan				nanical 		. 1	2	3 🗌	4 🔲	5	
	4. LIFTING 10 pour	or carryi nds, such	ng sometl as a bag o	ning as l of groce	neavy as ries		. 1	2	3 🗌	4 🔲	5 🔲	
F14.	₀□←Ma	rk (X) thi	is box if	you ans	swered "None	" TO ALL A	CTIVITIE	S in F13	and SKIP	to F16.		
			_									
F15.	What is the of these		st age at	which	you FIRST beg	an experie	ncing A	NY diffi	culties in	ANY		
	or these a	areas:										
	AGE	o	R o□SI	NCE BIR	TH							
F16.	In case we need to clarify some of the information you have provided, please list a phone number (and an e-mail address if available) where you can be reached.											
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	E-MAIL ADDRESS											
F17.	Since we	are inte	rested in	how e	ducation and	employme	nt chạng	ge over t	ime, we r	nay be		
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	First Name		MI	MI Last Name			me	МІ	Last N	ame		
	Number a		Number	Number and Street								
	City/Town			State	ZIP Code	City/Tov	vn		State	ZIP Code	e	

F18. PLEASE TURN TO THE BACK COVER FOR THE LAST QUESTION (F19).

Number

Country (If outside U.S.)

Area Code

Country (If outside U.S.)

Number

Area Code

JOB CODES LIST

This list is ordered ALPHABETICALLY. The titles in bold type are broad job categories. To make sure you have found the BEST code, please review ALL 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 and conservation scientists
- 025 Medical scientists (excluding practitioners)
- 026 Technologists and 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 and 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 and Vocational (Also see 236)

Engineers, Architects, Surveyors

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

*** Engineers (Continued)

- 087 Computer engineer hardware
- 088 Computer engineer software
- 089 Electrical, electronic engineer
- 090 Environmental engineer
- 091 Industrial engineer
- 092 Marine engineer or naval architect engineer
- 093 Materials or metallurgical engineer
- 094 Mechanical engineer
- 095 Mining or geological engineer
- 096 Nuclear engineer
- 097 Petroleum engineer
- 098 Sales engineer
- 099 Other engineer
- *** 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 and Fishermen

Health Occupations

- 111 Diagnosing/Treating Practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)
- 112 Registered nurses, pharmacists, dieticians, therapists, physician assistants
- 236 Psychologists, including clinical
- 113 Health Technologists and 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 (Select the code that comes closest to the field you manage)

JOB CODES LIST - 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, modeling
- 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, and business services
- 201 Sales Occupations Commodities Except Retail (e.g., industrial machinery/equipment/supplies, medical and dental equipment/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 sciences
- 254 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 Sciences
 - 274 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 and 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)

9. Is the name and address information on the label the best one for us to use for any future mailings?											
ı□Yes	Yes										
1 ☐ Yes 2 ☐ No → Please make name and address changes as needed below. Please print clearly.											
Title	First Name		MI Last Name								
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Number and Stre	eet/Apt. No.	City/Town		State	ZIP Code Plus 4						
Country (If outsi	de U.S.)										

THANK YOU FOR COMPLETING THE QUESTIONNAIRE

Please return the completed form in the envelope provided. If you lost the envelope and want another, call 1-800-523-3205. Our address is:

DIRECTOR
U.S. CENSUS BUREAU
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