SDR

2013
Survey of Doctorate Recipients

Conducted by
The National Opinion Research Center
at the University of Chicago *for*

The National Science Foundation *and* The National Institutes of Health

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INSTRUCTIONS

Thank you for taking the time to complete this questionnaire. Directions for filling it out are provided with each question.

- In order to get comparable data, we will be asking you to refer to the week of February 1, 2013, when answering most questions.

- Follow all appropriate skip instructions after marking a box. If no skip instruction is provided, you should continue to the next question.

Thank you again for your help; we really appreciate it.

Part A - Employment Situation

A1. Were you working for pay or profit during the week of February 1, 2013?

Working includes being self-employed, on a postdoctoral appointment, or on any type of paid or unpaid leave, including vacation.

Use an X to mark your answer.

1☐ Yes → ***Go to question A8***

2☐ No

A2. *(If No)* **Did you look for work during the four weeks preceding February 1, 2013? This would be between January 4th and February 1st.**

1☐ Yes

2☐ No

A3. What were your reasons for not working during the week of February 1, 2013?

Mark Yes or No for each item.

		Yes	No
1	Retired	1☐	2☐
2	On layoff from a job	1☐	2☐
3	Student	1☐	2☐
4	Family responsibilities	1☐	2☐
5	Chronic illness or permanent disability	1☐	2☐
6	Suitable job not available	1☐	2☐
7	Did not need or want to work	1☐	2☐
8	Other – *Specify*	1☐	2☐

If Yes → Year retired ☐☐☐☐

A4. Prior to the week of February 1, 2013, when did you last work for pay or profit?

0☐ ← ***Mark this box if you <u>never</u> worked for pay or profit and then go to page 10, question D1***

LAST WORKED Month ☐☐ Year ☐☐☐☐

A5. What was the title of the last job you held prior to the week of February 1, 2013?

Example: Physics professor

A6. What kind of work were you doing on this last job – that is, what were your duties and responsibilities on your last job? Please be as specific as possible, including any area of specialization.

Example: Taught physics and conducted research. Specialized in high energy physics.

A7. Using the JOB CATEGORY list on pages 16-17, choose the code that <u>best</u> describes the last job you held prior to the week of February 1, 2013.

CODE ☐☐☐ → ***Go to page 8, question A42***

A8. Although you were working during the week of February 1, had you previously retired from any position?

Examples of retirement include mandatory retirement, early retirement, or voluntary retirement.

1☐ Yes → Year retired ☐☐☐☐

2☐ No

Principal Employer

A9. Who was your principal employer during the week of February 1, 2013?

If you had more than one job, report the one for which you worked the most hours that week.

If your employer had more than one location, report the location that employed you.

If you worked for a contracting or consulting company, report the name of that company, not the client organization.

Employer Name

Department/Division

City/Town

State/Territory

ZIP Code

A10. What was that employer's main business or industry – that is, what did that employer make or do?

If your principal employer had more than one type of business, report the type of business primarily performed at the location where you worked.

Example: Production of microprocessor chips

EMPLOYER'S MAIN BUSINESS

A11. Counting all locations where this employer operates, how many people work for your principal employer? Your best estimate is fine.

Mark one answer.

1 ☐ 10 or fewer employees
2 ☐ 11 - 24 employees
3 ☐ 25 - 99 employees
4 ☐ 100 - 499 employees
5 ☐ 500 - 999 employees
6 ☐ 1,000 - 4,999 employees
7 ☐ 5,000 - 24,999 employees
8 ☐ 25,000 or more employees

A12. Did your principal employer come into being as a new business within the past 5 years?

1 ☐ Yes
2 ☐ No

A13. Which one of the following best describes your principal employer during the week of February 1, 2013? Were you…

Mark one answer.

SELF-EMPLOYED or a BUSINESS OWNER
1 ☐ in a non-incorporated business, professional practice, or farm
2 ☐ in an incorporated business, professional practice, or farm

PRIVATE SECTOR employee
3 ☐ in a for-profit company or organization
4 ☐ in a non-profit organization (including tax-exempt and charitable organizations)

GOVERNMENT employee
5 ☐ in a local government (e.g., city, county, school district)
6 ☐ in a state government (including state colleges/ universities)
7 ☐ in the U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)
8 ☐ in the U.S. government (e.g., civilian employee)

9 ☐ OTHER type of employee – *Specify type of employer*

A14. Was your principal employer an educational institution?

1 ☐ Yes

2 ☐ No → ***Go to page 4, question A19***

A15. *(If Yes)* **Was the educational institution where you worked a…**

Mark one answer.

1 ☐ Preschool, elementary, middle, or secondary school or system → ***Go to page 4, question A19***

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*

_____

A16. During the week of February 1, 2013, what type of academic position(s) did you hold at this institution?

Mark Yes or No for each item.

		Yes	No
1	President, Provost, or Chancellor (any level)	1 ☐	2 ☐
2	Dean (any level), department head, or department chair	1 ☐	2 ☐
3	Research faculty, scientist, associate, or fellow	1 ☐	2 ☐
4	Teaching faculty	1 ☐	2 ☐
5	Adjunct faculty	1 ☐	2 ☐
6	Postdoc (e.g., postdoctoral fellow or associate)	1 ☐	2 ☐
7	Research assistant	1 ☐	2 ☐
8	Teaching assistant	1 ☐	2 ☐
9	Other position – *Specify*	1 ☐	2 ☐

_____

A17. What was your faculty rank?

Mark one answer.

1 ☐ Not applicable: no ranks designated at this institution

2 ☐ Not applicable: no ranks designated for my position

3 ☐ Professor

4 ☐ Associate Professor

5 ☐ Assistant Professor

6 ☐ Instructor

7 ☐ Lecturer

8 ☐ Other – *Specify*

_____

A18. What was your tenure status?

Mark one answer.

1 ☐ Not applicable: no tenure system at this institution

2 ☐ Not applicable: no tenure system for my position

3 ☐ Tenured → Year tenured ☐☐☐☐

4 ☐ On tenure track but not tenured

5 ☐ Not on tenure track

Principal Job

A19. What was the title of the principal job you held during the week of February 1, 2013?

Example: Physics professor

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.

Example: Taught physics and conducted research. Specialized in high energy physics.

A21. Using the JOB CATEGORY list on pages 16-17, choose the code that best describes the principal job you held during the week of February 1, 2013.

CODE

A22. Did your duties on this job require the technical expertise of a bachelor's degree or higher in…

Mark 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, business, or education) – *Specify*	1☐	2☐

A23. Was this job a "postdoc"?

A "postdoc" is a temporary position awarded in academe, industry, a non-profit organization, or government primarily for gaining additional education and training in research.

1☐ Yes

2☐ No → ***Go to question A26***

A24. *(If Yes)* **What were your reasons for taking this postdoc?**

Mark Yes or No for each item.

		Yes	No
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	1☐	2☐
4	Other employment not available	1☐	2☐
5	Postdoc generally expected for a career in this field	1☐	2☐
6	Some other reason – *Specify*	1☐	2☐

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.

1 ____ Most important reason

2 ____ Second most important reason *(Enter "0" if no second reason)*

A26. During what month and year did you start this job (that is, the principal job you held during the week of February 1, 2013)?

PRINCIPAL JOB STARTED Month ____ Year ____

A27. To what extent was your work on your principal job related to your first U.S. doctoral degree? Was it…

Mark one answer.

1 ☐ Closely related
2 ☐ Somewhat related
3 ☐ Not related

Go to question A30

A28. *(If Not related)* **Did these factors influence your decision to work in an area outside the field of your first U.S. doctoral degree?**

Mark 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	Job in doctoral degree field not available	1 ☐	2 ☐
7	Some other reason – *Specify*	1 ☐	2 ☐

A29. Which two factors in question A28 were 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 question A28 above.

1 _____ Most important reason

2 _____ Second most important reason
(Enter "0" if no second reason)

A30. The next question is about your work activities on your principal job. Which of the following work activities occupied at least 10 percent of your time during a typical work week on this job?

Mark Yes or No for each item.

		Yes	No
1	Accounting, finance, contracts	1 ☐	2 ☐
2	Basic research – study directed toward gaining scientific knowledge primarily for its own sake	1 ☐	2 ☐
3	Applied research – study directed toward gaining scientific knowledge to meet a recognized need	1 ☐	2 ☐
4	Development – using knowledge gained from research for the production of materials, devices	1 ☐	2 ☐
5	Design of equipment, processes, structures, models	1 ☐	2 ☐
6	Computer programming, systems or applications development	1 ☐	2 ☐
7	Human resources – including recruiting, personnel development, training	1 ☐	2 ☐
8	Managing or supervising people or projects	1 ☐	2 ☐
9	Production, operations, maintenance (e.g., chip production, operating lab equipment)	1 ☐	2 ☐
10	Professional services (e.g., health care, counseling, financial services, legal services)	1 ☐	2 ☐
11	Sales, purchasing, marketing, customer service, public relations	1 ☐	2 ☐
12	Quality or productivity management	1 ☐	2 ☐
13	Teaching	1 ☐	2 ☐
14	Other – *Specify*	1 ☐	2 ☐

A31. On which two activities in question A30 did you work the most hours during a typical week on this job?

Enter number of appropriate activity from question A30 above.

1 ____ Activity most hours

2 ____ Activity second most hours
(Enter "0" if no second most)

A32. Did you supervise the work of others as part of the principal job you held during the week of February 1, 2013?

Mark "Yes" if you recommended or initiated personnel actions such as hiring, firing, evaluating, or promoting others.

Teachers should not count students.

1 ☐ Yes

2 ☐ No → ***Go to question A34***

A33. *(If Yes)* **How many people did you typically…**

		Number supervised
1	Supervise directly?	_____ *(If none, enter "0")*
2	Supervise indirectly through subordinate supervisors?	_____ *(If none, enter "0")*

A34. Thinking about your principal job held during the week of February 1, please rate your satisfaction with that job's…

Mark one answer for each item.

		Very satisfied	Somewhat satisfied	Somewhat dissatisfied	Very dissatisfied
1	Salary	1 ☐	2 ☐	3 ☐	4 ☐
2	Benefits	1 ☐	2 ☐	3 ☐	4 ☐
3	Job security	1 ☐	2 ☐	3 ☐	4 ☐
4	Job location	1 ☐	2 ☐	3 ☐	4 ☐
5	Opportunities for advancement	1 ☐	2 ☐	3 ☐	4 ☐
6	Intellectual challenge	1 ☐	2 ☐	3 ☐	4 ☐
7	Level of responsibility	1 ☐	2 ☐	3 ☐	4 ☐
8	Degree of independence	1 ☐	2 ☐	3 ☐	4 ☐
9	Contribution to society	1 ☐	2 ☐	3 ☐	4 ☐

A35. How would you rate your overall satisfaction with the principal job you held during the week of February 1, 2013?

Mark one answer.

1 ☐ Very satisfied

2 ☐ Somewhat satisfied

3 ☐ Somewhat dissatisfied

4 ☐ Very dissatisfied

A36. As of the week of February 1, 2013, what was your basic annual salary on your principal job, before deductions?

Do not include bonuses, overtime, or additional compensation for summertime teaching or research. If you are not salaried, please estimate your earned income, excluding business expenses.

$ ___,___,___.00

ANNUAL SALARY OR EARNED INCOME

A37. Was this salary based on a 52-week year, or less than that?

Include paid vacation and sick leave.

1 ☐ 52-week year

2 ☐ Less than 52 weeks →

NUMBER OF WEEKS PER YEAR _____

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.

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

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, 2013?

Mark Yes or No for each item.

		Yes	No
1	Previously retired or semi-retired	1 ☐	2 ☐
	If Yes → Year retired ____		
2	Student	1 ☐	2 ☐
3	Family responsibilities	1 ☐	2 ☐
4	Full-time job not available	1 ☐	2 ☐
5	Held more than one job	1 ☐	2 ☐
6	Did not need or want to work more hours	1 ☐	2 ☐
7	Other – *Specify* _____	1 ☐	2 ☐

A41. Concerning your principal job during the week of February 1, 2013, 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	No
1	Health insurance that was at least partially paid by your employer	1 ☐	2 ☐
2	A pension plan or a retirement plan to which your employer contributed	1 ☐	2 ☐
3	A profit-sharing plan	1 ☐	2 ☐
4	Paid vacation, sick, or personal days	1 ☐	2 ☐

A42. **Thinking back now to 2012, was any of your work during 2012 supported by contracts or grants from the U.S. government?**

FEDERAL EMPLOYEES: Please answer "No."

Mark one answer.

0 ☐ Did not work in 2012 → ***Go to question B1 on this page***

1 ☐ Yes

2 ☐ No

3 ☐ Don't know

→ ***Go to question A44***

A43. *(If Yes)* **Which Federal agencies or departments were supporting your work?**

Mark all that apply.

1 ☐ Department of Defense (DOD)

2 ☐ Department of Education

3 ☐ Department of Energy (DOE)

4 ☐ National Institutes of Health (NIH)

5 ☐ Department of Health and Human Services (except NIH)

6 ☐ National Science Foundation (NSF)

7 ☐ Other – *Specify*

8 ☐ DON'T KNOW SOURCE AGENCY

A44. **Counting all jobs held in 2012, what was your total earned income for 2012, before deductions?**

Include all wages, salaries, bonuses, overtime, commissions, consulting fees, net income from businesses, summertime teaching or research, or other work associated with scholarships.

$ ___ , ___ ___ , ___ ___ .00

TOTAL 2012 EARNED INCOME

Part B - Past Employment

B1. **Were you working for pay or profit during both of these time periods – the week of October 1, 2010, and the week of February 1, 2013?**

1 ☐ Yes

2 ☐ No → ***Go to page 9, question C1***

B2. *(If Yes)* **During these two time periods – the week of October 1, 2010, and the week of February 1, 2013 – were you working for…**

Mark one answer.

1 ☐ Same employer and in same type of job → ***Go to page 9, question C1***

2 ☐ Same employer but in different type of job

3 ☐ Different employer but in same type of job

4 ☐ Different employer and in different type of job

B3. *(If Different)* **Why did you change your employer or your job?**

Mark 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 company closings, mergers, buyouts, grant or contract ended)	1 ☐	2 ☐
8	Retired	1 ☐	2 ☐
9	Some other reason – *Specify*	1 ☐	2 ☐

Part C - Other Work-Related Experiences

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.

1 ☐ Yes

2 ☐ No → ***Go to question C4***

C2. *(If Yes)* **For which of the following reasons did you take training during the past 12 months?**

Mark Yes or No for each item.

	Yes	No
1 To improve skills or knowledge in your current occupational field	1 ☐	2 ☐
2 To increase opportunities for promotion or advancement in your current occupational field	1 ☐	2 ☐
3 For licensure or certification in your current occupational field	1 ☐	2 ☐
4 To facilitate a change to a different occupational field	1 ☐	2 ☐
5 Required or expected by employer	1 ☐	2 ☐
6 For leisure or personal interest	1 ☐	2 ☐
7 Other – *Specify*	1 ☐	2 ☐

C3. What was your most important reason from question C2 for taking training?

Enter number of appropriate reason from question C2 above.

MOST IMPORTANT REASON _____

C4. During the past 12 months, did you attend any professional society or association meetings or professional conferences?

Include regional, national, or international meetings.

1 ☐ Yes

2 ☐ No

C5. To how many regional, national, or international professional societies or associations do you currently belong?

If none, enter "0."

NUMBER _____

C6. When thinking about a job, how important is each of the following factors to you?

Mark one answer for each item.

	Very important	Somewhat important	Somewhat unimportant	Not important at all
1 Salary	1 ☐	2 ☐	3 ☐	4 ☐
2 Benefits	1 ☐	2 ☐	3 ☐	4 ☐
3 Job security	1 ☐	2 ☐	3 ☐	4 ☐
4 Job location	1 ☐	2 ☐	3 ☐	4 ☐
5 Opportunities for advancement	1 ☐	2 ☐	3 ☐	4 ☐
6 Intellectual challenge	1 ☐	2 ☐	3 ☐	4 ☐
7 Level of responsibility	1 ☐	2 ☐	3 ☐	4 ☐
8 Degree of independence	1 ☐	2 ☐	3 ☐	4 ☐
9 Contribution to society	1 ☐	2 ☐	3 ☐	4 ☐

Part D - Recent Educational Experiences

D1. Between October 2010 and February 2013, did you complete another degree such as a master's or another doctorate?

1☐ Yes

2☐ No → ***Go to page 11, question D7***

D2. *(If Yes)* **What type of degree did you earn?**

If you completed more than one degree, mark the level for the highest degree awarded.

Mark one answer.

1☐ Bachelor's degree (e.g., BS, BA, AB)

2☐ Master's degree (e.g., MS, MA, MBA)

3☐ Doctorate (e.g., PhD, DSc, EdD)

4☐ Other professional degree (e.g., JD, LLB, MD, DDS, DVM) – *Specify*

5☐ Other – *Specify*

D3. What was the primary field of study for this degree?

PRIMARY FIELD OF STUDY

D4. In what month and year was this degree awarded?

	Month	Year
DEGREE AWARDED		2 0 1

D5. From which academic institution did you receive this degree?

College or University Name

Department

City/Town

State/Foreign Country

D6. For which of the following reasons did you obtain this degree?

Mark Yes or No for each item.

		Yes	No
1	To gain further education before beginning a career	1☐	2☐
2	To prepare for graduate school or further education	1☐	2☐
3	To change your academic or occupational field	1☐	2☐
4	To gain further skills or knowledge in your academic or occupational field	1☐	2☐
5	For licensure or certification	1☐	2☐
6	To increase opportunities for promotion, advancement, or higher salary	1☐	2☐
7	Required or expected by employer	1☐	2☐
8	For leisure or personal interest	1☐	2☐
9	Other – *Specify*	1☐	2☐

D7. During the week of February 1, 2013, were you enrolled in or taking courses at a college or university?

1 ☐ Yes

2 ☐ No → ***Go to page 12, question E1***

D8. *(If Yes)* **Were you taking courses or enrolled as…**

Mark one answer.

1 ☐ A full-time student in a degree program

2 ☐ A part-time student in a degree program

3 ☐ Not enrolled in a degree program, but taking courses

D9. Toward what degree were you working?

If you were working toward more than one degree, mark the level for the highest degree.

Mark one answer.

0 ☐ No specific degree → ***Go to question D11***

1 ☐ Bachelor's degree (e.g., BS, BA, AB)

2 ☐ Master's degree (e.g., MS, MA, MBA)

3 ☐ Doctorate (e.g., PhD, DSc, EdD)

4 ☐ Other professional degree (e.g., JD, LLB, MD, DDS, DVM) – *Specify type*

5 ☐ Other – *Specify type*

D10. What was the primary field of study for this degree?

PRIMARY FIELD OF STUDY

D11. For which of the following reasons were you taking courses or enrolled?

Mark Yes or No for each item.

		Yes	No
1	To gain further education before beginning a career	1 ☐	2 ☐
2	To prepare for graduate school or further education	1 ☐	2 ☐
3	To change your academic or occupational field	1 ☐	2 ☐
4	To gain further skills or knowledge in your academic or occupational field	1 ☐	2 ☐
5	For licensure or certification	1 ☐	2 ☐
6	To increase opportunities for promotion, advancement, or higher salary	1 ☐	2 ☐
7	Required or expected by employer	1 ☐	2 ☐
8	For leisure or personal interest	1 ☐	2 ☐
9	Other – *Specify*	1 ☐	2 ☐

D12. Were any of your school-related costs for taking courses paid for by an employer?

1 ☐ Yes

2 ☐ No

Part E - Demographic Information

E1. On February 1, 2013, were you…

Mark one answer.

1 ☐ Married
2 ☐ Living in a marriage-like relationship
3 ☐ Widowed
4 ☐ Separated
5 ☐ Divorced
6 ☐ Never married

→ ***Go to question E4***

E2. *(If Married or Living in a marriage-like relationship)* **During the week of February 1, 2013, was your spouse or partner working?**

1 ☐ Yes, full-time
2 ☐ Yes, part-time
3 ☐ No → ***Go to question E4***

E3. *(If Yes)* **Did your spouse's or partner's duties on this job require the technical expertise of a bachelor's degree or higher in…**

Mark 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, business, or education) – *Specify*	1 ☐	2 ☐

_____

E4. As of the week of February 1, 2013, did you have <u>any children</u> 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 → ***Go to page 13, question E6***

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	_____
2	Aged 2-5	_____
3	Aged 6-11	_____
4	Aged 12-18	_____
5	Aged 19 or older	_____

E6. On February 1, 2013, were you living in the United States or Puerto Rico, another U.S. territory, or were you living in another country?

Mark one answer.

1 ☐ United States or Puerto Rico

2 ☐ Another U.S. territory

3 ☐ Another country – *Specify*

E7. On February 1, 2013, were you a…

1 ☐ U.S. citizen

2 ☐ Non-U.S. citizen → ***Go to question E9***

E8. *(If U.S. citizen)* **Were you a U.S. citizen…**

Mark one answer.

1 ☐ Born in the United States, Puerto Rico, or another U.S. territory

2 ☐ Born abroad of U.S. citizen parent(s)

3 ☐ By naturalization

→ ***Go to question E11***

E9. *(If Non-U.S. citizen)* **Were you a non-U.S. citizen...**

1 ☐ 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

E11. What is your birthdate?

Month ___ ___ Day ___ ___ Year 1 9 ___ ___

E12. The next several questions are designed to help us better understand the career paths of individuals with specific functional limitations.

E13. What is the USUAL degree of difficulty you have with…

Mark one answer for each item.

	None	Slight	Moderate	Severe	Unable to do
1 SEEING words or letters in ordinary newsprint (with glasses/contact lenses, if you usually wear them)	1☐	2☐	3☐	4☐	5☐
2 HEARING what is normally said in conversation with another person (with hearing aid, if you usually wear one)	1☐	2☐	3☐	4☐	5☐
3 WALKING without human or mechanical assistance or using stairs	1☐	2☐	3☐	4☐	5☐
4 LIFTING or carrying something as heavy as 10 pounds, such as a bag of groceries	1☐	2☐	3☐	4☐	5☐
5 CONCENTRATING, REMEMBERING, or MAKING DECISIONS because of a physical, mental, or emotional condition	1☐	2☐	3☐	4☐	5☐

E14. 0☐ ← **Mark this box if you answered "None" to <u>all the activities</u> in question E13, and go to question E16.**

E15. What is the earliest age at which you <u>first</u> began experiencing <u>any</u> difficulties in <u>any</u> of these areas?

AGE ___ ___ OR 0☐ ← SINCE BIRTH

E16. In case we need to clarify some of the information you have provided, please list phone numbers and an email address where you can be reached.

	Area Code	Number		Home	Work	Cell
Daytime Phone Number	___	___	____	1☐	2☐	3☐
Evening Phone Number	___	___	____	1☐	2☐	3☐
Other Phone Number	___	___	____	1☐	2☐	3☐

Email Address _____ @ _____

E17. Because we are interested in how education and employment change over time, we may be contacting you in 2015. 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 information provided in this questionnaire, complete confidentiality will be provided. These people will only be contacted if we have difficulty contacting you in 2015.

Person 1

First Name	MI	Last Name

Number and Street

City/Town	State	ZIP Code

Country (if outside of U.S.)

			-				-				
Area Code				Number							

Person 2

First Name	MI	Last Name

Number and Street

City/Town	State	ZIP Code

Country (if outside of U.S.)

			-				-				
Area Code				Number							

E18. How would you like to complete future rounds of this survey?

Mark one answer.

1 ☐ A questionnaire sent in the mail

2 ☐ A web questionnaire on the Internet

3 ☐ A telephone interview

4 ☐ No preference

JOB CATEGORY

If you cannot find the code that best describes your job, use the "OTHER" code under the most appropriate broad category. If none of the codes fit your job, use Code 500.

• **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 and life scientists
• **Clerical/Administrative Support Occupations**	031 Accounting clerks and bookkeepers 032 Secretaries, receptionists, typists	033 OTHER administrative (e.g., record clerks, telephone operators)
• **Clergy/Other Religious Workers**	040 Clergy and other religious workers	
• **Computer Occupations** *Also consider 173 Operations research analysts, including modeling*	*** Computer engineers – *also consider 087 Computer engineers – hardware and 088 Computer engineers – software* 051 Computer & information scientists, research 052 Computer network architect 053 Computer programmers (business, scientific, process control) 054 Computer support specialists 055 Computer system analysts	056 Database administrators 057 Information security analysts 058 Network and computer systems administrators 059 Software developers – applications and systems software 060 Web developers 061 OTHER computer and information science occupations
• **Consultants**	*Find the category on page 16 or 17 that comes closest to your field of consulting and select the code*	
• **Counselors**	070 Counselors (Educational, vocational, mental health and substance abuse) *Also consider 236 Psychologists, including clinical*	
• **Engineers/Architects** *Also consider 100 to 104 under Engineering Technologists, Technicians and Surveyors*	081 Architects 082 Aeronautical/aerospace/astronautical engineers 083 Agricultural engineers 084 Bioengineers or biomedical engineers 085 Chemical engineers 086 Civil, including architectural/sanitary engineers 087 Computer engineers – hardware 088 Computer engineers – software 089 Electrical and electronics engineers	090 Environmental engineers 091 Industrial engineers 092 Marine engineers and naval architects 093 Materials and metallurgical engineers 094 Mechanical engineers 095 Mining and geological engineers 096 Nuclear engineers 097 Petroleum engineers 098 Sales engineers 099 OTHER engineers
• **Engineering Technologists/ Technicians/Surveyors**	100 Electrical, electronic, industrial, and mechanical technicians 101 Drafting occupations, including computer drafting 102 Surveying and mapping technicians	103 OTHER engineering technologists and technicians 104 Surveyors, cartographers, photogrammetrists
• **Farmers/Foresters/Fishermen**	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, nurse practitioners	236 Psychologists, including clinical – *Also consider 070 Counselors* 113 Health technologists and technicians (e.g., dental hygienists, health record technologists/technicians, licensed practical nurses, medical or laboratory technicians, radiological technicians) 114 OTHER health occupations
• **Lawyers/Judges**	120 Lawyers, judges	
• **Librarians/Archivists/Curators**	130 Librarians, archivists, curators	
• **Managers and Supervisors, First-Line**	*Find the category on page 16 or 17 that best describes the occupation of the people you manage and select the code*	
• **Managers, Top-level Executives/Administrators**	141 Top-level managers, executives, administrators (e.g., CEO/COO/CFO, president, district manager, general manager, legislator, chancellor, provost)	
• **Managers, Other** *People who manage other managers*	142 Computer and information systems managers 143 Engineering managers 144 Medical and health services managers 145 Natural sciences managers 146 Education administrators (e.g., registrar, dean, principal) 147 OTHER mid-level managers	

JOB CATEGORY (Continued)

• **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 occupations
• **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 closest to your 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., furnishings, 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 health (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 secondary OTHER precollegiate area
• **Teachers/Professors—Postsecondary**	271 272 273 274 275 276 277 278 279 280 281 282	Agriculture Art, Drama, and Music Biological Sciences Business, Commerce, and Marketing Chemistry Computer Science Earth, Environmental, and Marine Science Economics Education Engineering English Foreign Language	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 Social Sciences OTHER Postsecondary fields
• **Teachers—Other**	300	OTHER teachers and instructors (e.g., private tutors, dance or flying instructors, martial arts instructors)		
• **Writers/Editors/Public Relations Specialists/Artists/ Entertainers/Broadcasters**	010	Writers, editors, public relations specialists, artists, entertainers, 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:

2013 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: