2010 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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Please make any name/address changes below:

First Name ___________________________ M.I. ___________________________

Last Name ___________________________

Number and Street ___________________________

City/Town ___________________________

State or Country ___________________________ ZIP or Postal Code ___________________________

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RC □ Edit □ CADE □ VER □ Adj □

OMB No.: 3145-0020
Approval Expires: 7/2013
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 October 1, 2010, 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 October 1, 2010?

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.

☐ Yes → Go to question A8

☐ No

A2. (If No) Did you look for work during the four weeks preceding October 1, 2010? This would be between September 3rd and October 1st.

☐ Yes

☐ No

A3. What were your reasons for not working during the week of October 1, 2010?

Mark Yes or No for each item.

1. Retired ................................................... ☐ ☐

If Yes →

Year retired

2. On layoff from a job ............................. ☐ ☐

3. Student ................................................. ☐ ☐

4. Family responsibilities ........................... ☐ ☐

5. Chronic illness or permanent disability ................... ☐ ☐

6. Suitable job not available ..................... ☐ ☐

7. Did not need or want to work .................. ☐ ☐

8. Other – Specify □ ................................. ☐ ☐

A4. Prior to the week of October 1, 2010, when did you last work for pay or profit?

Mark this box if you never worked for pay or profit and then go to page 10, question D1

☐ Never worked for pay or profit and then go to page 10, question D1

☐ Yes →

Year retired

☐ No

A5. What was the title of the last job you held prior to the week of October 1, 2010?

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 best describes the last job you held prior to the week of October 1, 2010.

CODE → Go to page 8, question A42

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

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

☐ Yes

Year retired

☐ No
**Principal Employer**

**A9. Who was your principal employer during the week of October 1, 2010?**

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.

<table>
<thead>
<tr>
<th>Employer Name</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Department/Division</td>
<td></td>
</tr>
<tr>
<td>City/Town</td>
<td></td>
</tr>
<tr>
<td>State or Country</td>
<td></td>
</tr>
<tr>
<td>ZIP Code or Postal Code</td>
<td></td>
</tr>
</tbody>
</table>

**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+ 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 October 1, 2010? 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)

U.S. GOVERNMENT employee

5. In a local government in the U.S. (e.g., city, county, school district)
6. In a U.S. state government (including U.S. 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)

OTHER type of employee

9. Other – Specify type of employer
10. In a non-U.S. government at any level
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 October 1, 2010, what type of academic position(s) did you hold at this institution?

Mark Yes or No for each item.

1. President, Provost, or Chancellor (any level)  
2. Dean (any level), department head, or department chair
3. Research faculty, scientist, associate, or fellow
4. Teaching faculty
5. Adjunct faculty
6. Postdoc (e.g., postdoctoral fellow or associate)
7. Research assistant
8. Teaching assistant
9. Other position – Specify

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
**A19. What was the title of the principal job you held during the week of October 1, 2010?**

*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 October 1, 2010.*

**CODE**


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

*Marks Yes or No for each item.*

1 Engineering, computer science, math, or the natural sciences ...

2 The social sciences ...

3 Some other field (e.g., health, business, or education) – *Specify* ...


**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.

- [ ] Yes
- [x] No → Go to question A26

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

*Mark Yes or No for each item.*

1 Additional training in PhD field ...

2 Training in an area outside of PhD field ...

3 Work with a specific person or in a specific place ...

4 Other employment not available ...

5 Postdoc generally expected for a career in this field ...

6 Some other reason – *Specify*


**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 October 1, 2010)?**

Month  Year

PRINCIPAL JOB STARTED
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

2  Working conditions (e.g., hours, equipment, working environment)

3  Job location

4  Change in career or professional interests

5  Family-related reasons (e.g., children, spouse's job moved)

6  Job in doctoral degree field not available

7  Some other reason – Specify

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

2  Basic research – study directed toward gaining scientific knowledge primarily for its own sake

3  Applied research – study directed toward gaining scientific knowledge to meet a recognized need

4  Development – using knowledge gained from research for the production of materials, devices

5  Design of equipment, processes, structures, models

6  Computer programming, systems or applications development

7  Human resources – including recruiting, personnel development, training

8  Managing or supervising people or projects

9  Production, operations, maintenance (e.g., chip production, operating lab equipment)

10  Professional services (e.g., health care, counseling, financial services, legal services)

11  Sales, purchasing, marketing, customer service, public relations

12  Quality or productivity management

13  Teaching

14  Other – Specify

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 October 1, 2010?

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 October 1, please rate your satisfaction with that job’s...

Mark one answer for each item.

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 October 1, 2010?

Mark one answer.

1 □ Very satisfied
2 □ Somewhat satisfied
3 □ Somewhat dissatisfied
4 □ Very dissatisfied
A36. As of the week of October 1, 2010, 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.

$_________ in USD

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 October 1, 2010?

Mark Yes or No for each item.

1 Previously retired or semi-retired........ Yes  No

If Yes

Year retired

2 Student........................................ Yes  No

3 Family responsibilities..................... Yes  No

4 Full-time job not available................ Yes  No

5 Held more than one job .................... Yes  No

6 Did not need or want to work more hours Yes  No

7 Other – Specify

A41. Concerning your principal job during the week of October 1, 2010, were any of the following benefits available to you, even if you chose not to take them?

Mark Yes or No for each item.

1 Health insurance that was at least partially paid by your employer .......... Yes  No

2 A pension plan or a retirement plan to which your employer contributed .... Yes  No

3 A profit-sharing plan ......................... Yes  No

4 Paid vacation, sick, or personal days..... Yes  No
A42. Thinking back now to 2009, was any of your work during 2009 supported by contracts or grants from the U.S. government?

U.S. FEDERAL EMPLOYEES: Please answer "No."

Mark one answer.

0 ☐ Did not work in 2009  ➔  Go to question B1 on this page

1 ☐ Yes

2 ☐ No  ➔  Go to question A44

3 ☐ Don’t know

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

Mark all that apply.

1 ☐ Dept. of Defense (DOD)

2 ☐ Dept. of Education

3 ☐ Dept. of Energy (DOE)

4 ☐ National Institutes of Health (NIH)

5 ☐ Dept. 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 2009, what was your total earned income for 2009, 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 in USD

TOTAL 2009 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, 2008, and the week of October 1, 2010?

Mark one answer.

- Yes  ➔  Go to page 9, question C1

- No  ➔  Go to page 9, question C1

B2. (If Yes) During these two time periods – the week of October 1, 2008, and the week of October 1, 2010 – were you working for...

Mark one answer.

- Same employer and in same type of job  ➔  Go to page 9, question C1

- Same employer but in different type of job

- Different employer but in same type of job

- 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.

1 Pay, promotion opportunities ...

2 Working conditions (e.g., hours, equipment, working environment) ...

3 Job location ...

4 Change in career or professional interests ...

5 Family-related reasons (e.g., children, spouse’s job moved) ...

6 School-related reasons (e.g., returned to school, completed a degree) ...

7 Laid off or job terminated (includes company closings, mergers, buyouts, grant or contract ended) ...

8 Retired ...

9 Some other reason – Specify ☒
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.

1. To improve skills or knowledge in your current occupational field
2. To increase opportunities for promotion or advancement in your current occupational field
3. For licensure or certification in your current occupational field
4. To facilitate a change to a different occupational field
5. Required or expected by employer
6. For leisure or personal interest
7. Other – Specify

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

Enter number of appropriate reason from question C2 above.

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?

NUMBER

(If none, enter “0”)

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

Mark one answer for each item.

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

Very important
Somewhat important
Somewhat unimportant
Not important at all
**Part D - Recent Educational Experiences**

**D1.** Between October 2008 and October 2010, 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 [X]*
5. Other – *Specify [X]*

**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?

**DEGREE AWARDED**

<table>
<thead>
<tr>
<th>Month</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2 0</td>
</tr>
</tbody>
</table>

**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.*

1. To gain further education before beginning a career ........................................... 1 [ ]
2. To prepare for graduate school or further education ............................................ 1 [ ]
3. To change your academic or occupational field ................................................. 1 [ ]
4. To gain further skills or knowledge in your academic or occupational field .................. 1 [ ]
5. For licensure or certification ....................................................................................... 1 [ ]
6. To increase opportunities for promotion, advancement, or higher salary ...................... 1 [ ]
7. Required or expected by employer ............................................................................. 1 [ ]
8. For leisure or personal interest .................................................................................. 1 [ ]
9. Other – *Specify [X]* .................................................................................................. 1 [ ]
D7. During the week of October 1, 2010, 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.

1 □ To gain further education before beginning a career

2 □ To prepare for graduate school or further education

3 □ To change your academic or occupational field

4 □ To gain further skills or knowledge in your academic or occupational field

5 □ For licensure or certification

6 □ To increase opportunities for promotion, advancement, or higher salary

7 □ Required or expected by employer

8 □ For leisure or personal interest

9 □ Other – Specify

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 October 1, 2010, 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 October 1, 2010, 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.*

1. Engineering, computer science, math, or the natural sciences ............ 1
2. The social sciences ......................... 1
3. Some other field (e.g., health, business, or education) – *Specify* √...

**E4.** As of the week of October 1, 2010, 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 → *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.”*

<table>
<thead>
<tr>
<th>Number of children</th>
<th>Under age 2</th>
<th>Aged 2-5</th>
<th>Aged 6-11</th>
<th>Aged 12-18</th>
<th>Aged 19 or older</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
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<td>5</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
E6. On October 1, 2010, were you living in the United States, Puerto Rico, or another U.S. territory, or were you living in another country?

1. United States, Puerto Rico, or another U.S. territory
2. Another country

E7. On October 1, 2010, 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) → Go to question E11
3. By naturalization

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
3. Who no longer held a U.S. Resident Visa

E10. Of which country are you a citizen?

[Blank space for country name]

E11. What is your birthdate?

[Blank spaces for Month, Day, Year]
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.

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

E14. Mark this box if you answered “None” to all the activities in question E13, and go to question E16.

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

AGE ____ OR  □ → 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.

<table>
<thead>
<tr>
<th>Category</th>
<th>Country Code</th>
<th>Area/City Code</th>
<th>Number</th>
<th>Home</th>
<th>Work</th>
<th>Cell</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daytime Phone Number</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Evening Phone Number</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Other Phone Number</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

Email Address ____________________________________________ @
E17. Because we are interested in how education and employment change over time, we may be contacting you in 2012. 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 2012.

Person 1

First Name
MI
Last Name

Number and Street

City/Town
State
ZIP/Postal Code

Country (if outside of U.S.)

- -

Country Code (if non-US)
Area/City Code
Number

Person 2

First Name
MI
Last Name

Number and Street

City/Town
State
ZIP/Postal Code

Country (if outside of U.S.)

- -

Country Code (if non-US)
Area/City 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>021</td>
<td>Agricultural and food scientists</td>
</tr>
<tr>
<td>022</td>
<td>Biochemists and biophysicists</td>
</tr>
<tr>
<td>023</td>
<td>Biological scientists (e.g., botanists, ecologists, zoologists)</td>
</tr>
<tr>
<td>024</td>
<td>Forestry and conservation scientists</td>
</tr>
<tr>
<td>025</td>
<td>Medical scientists (excluding practitioners)</td>
</tr>
<tr>
<td>026</td>
<td>Technologists and technicians in the biological/life sciences</td>
</tr>
<tr>
<td>027</td>
<td>OTHER biological and life scientists</td>
</tr>
</tbody>
</table>

### Clerical/Administrative Support Occupations

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>031</td>
<td>Accounting clerks and bookkeepers</td>
</tr>
<tr>
<td>032</td>
<td>Secretaries, receptionists, typists</td>
</tr>
<tr>
<td>033</td>
<td>OTHER administrative (e.g., record clerks, telephone operators)</td>
</tr>
</tbody>
</table>

### Clergy/Other Religious Workers

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>040</td>
<td>Clergy and other religious workers</td>
</tr>
</tbody>
</table>

### Computer Occupations

**Also consider 173 Operations research analysts, including modeling**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>051</td>
<td>Computer &amp; information scientists, research</td>
</tr>
<tr>
<td>052</td>
<td>Computer network architect</td>
</tr>
<tr>
<td>053</td>
<td>Computer programmers (business, scientific, process control)</td>
</tr>
<tr>
<td>054</td>
<td>Computer support specialists</td>
</tr>
<tr>
<td>055</td>
<td>Computer system analysts</td>
</tr>
<tr>
<td>056</td>
<td>Database administrators</td>
</tr>
<tr>
<td>057</td>
<td>Information security analysts</td>
</tr>
<tr>
<td>058</td>
<td>Network and computer systems administrators</td>
</tr>
<tr>
<td>059</td>
<td>Software developers – applications and systems software</td>
</tr>
<tr>
<td>060</td>
<td>Web developers</td>
</tr>
<tr>
<td>061</td>
<td>OTHER computer and information science occupations</td>
</tr>
</tbody>
</table>

### Consultants

**Find the category on page 16 or 17 that comes closest to your field of consulting and select the code**

### Counselors

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>070</td>
<td>Counselors (Educational, vocational, mental health and substance abuse)</td>
</tr>
</tbody>
</table>

### Engineers/Architects

**Also consider 100 to 104 under Engineering Technologists, Technicians and Surveyors**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>081</td>
<td>Architects</td>
</tr>
<tr>
<td>082</td>
<td>Aeronautical/aerospace/astronautical engineers</td>
</tr>
<tr>
<td>083</td>
<td>Agricultural engineers</td>
</tr>
<tr>
<td>084</td>
<td>Bioengineers or biomedical engineers</td>
</tr>
<tr>
<td>085</td>
<td>Chemical engineers</td>
</tr>
<tr>
<td>086</td>
<td>Civil, including architectural/sanitary engineers</td>
</tr>
<tr>
<td>087</td>
<td>Computer engineers – hardware</td>
</tr>
<tr>
<td>088</td>
<td>Computer engineers – software</td>
</tr>
<tr>
<td>089</td>
<td>Electrical and electronics engineers</td>
</tr>
<tr>
<td>090</td>
<td>Environmental engineers</td>
</tr>
<tr>
<td>091</td>
<td>Industrial engineers</td>
</tr>
<tr>
<td>092</td>
<td>Marine engineers and naval architects</td>
</tr>
<tr>
<td>093</td>
<td>Materials and metallurgical engineers</td>
</tr>
<tr>
<td>094</td>
<td>Mechanical engineers</td>
</tr>
<tr>
<td>095</td>
<td>Mining and geological engineers</td>
</tr>
<tr>
<td>096</td>
<td>Nuclear engineers</td>
</tr>
<tr>
<td>097</td>
<td>Petroleum engineers</td>
</tr>
<tr>
<td>098</td>
<td>Sales engineers</td>
</tr>
<tr>
<td>099</td>
<td>OTHER engineers</td>
</tr>
</tbody>
</table>

### Engineering Technologists/Technicians/Surveyors

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>Electrical, electronic, industrial, and mechanical technicians</td>
</tr>
<tr>
<td>101</td>
<td>Drafting occupations, including computer drafting</td>
</tr>
<tr>
<td>102</td>
<td>Surveying and mapping technicians</td>
</tr>
<tr>
<td>103</td>
<td>OTHER engineering technologists and technicians</td>
</tr>
<tr>
<td>104</td>
<td>Surveyors, cartographers, photogrammetrists</td>
</tr>
</tbody>
</table>

### Farmers/Foresters/Fishermen

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>110</td>
<td>Farmers, foresters and fishermen</td>
</tr>
</tbody>
</table>

### Health Occupations

**Also consider 236 Psychologists, including clinical**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>111</td>
<td>Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)</td>
</tr>
<tr>
<td>112</td>
<td>Registered nurses, pharmacists, dieticians, therapists, physician assistants, nurse practitioners</td>
</tr>
<tr>
<td>236</td>
<td>Psychologists, including clinical</td>
</tr>
<tr>
<td>113</td>
<td>Health technologists and technicians (e.g., dental hygienists, health record technologists/technicians, licensed practical nurses, medical or laboratory technicians, radiological technicians)</td>
</tr>
<tr>
<td>114</td>
<td>OTHER health occupations</td>
</tr>
</tbody>
</table>

### Lawyers/Judges

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>Lawyers, judges</td>
</tr>
</tbody>
</table>

### Librarians/Archivists/Curators

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>130</td>
<td>Librarians, archivists, curators</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>141</td>
<td>Top-level managers, executives, administrators (e.g., CEO/COO/CFO, president, district manager, general manager, legislator, chancellor, provost)</td>
</tr>
</tbody>
</table>

### Managers, Other

**People who manage other managers**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>142</td>
<td>Computer and information systems managers</td>
</tr>
<tr>
<td>143</td>
<td>Engineering managers</td>
</tr>
<tr>
<td>144</td>
<td>Medical and health services managers</td>
</tr>
<tr>
<td>145</td>
<td>Natural sciences managers</td>
</tr>
<tr>
<td>146</td>
<td>Education administrators (e.g., registrar, dean, principal)</td>
</tr>
<tr>
<td>147</td>
<td>OTHER mid-level managers</td>
</tr>
</tbody>
</table>
### JOB CATEGORY (Continued)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>151</td>
<td>Accountants, auditors, and other financial specialists</td>
</tr>
<tr>
<td>152</td>
<td>Personnel, training, and labor relations specialists</td>
</tr>
<tr>
<td>153</td>
<td>OTHER management related occupations</td>
</tr>
<tr>
<td>171</td>
<td>Actuaries</td>
</tr>
<tr>
<td>172</td>
<td>Mathematicians</td>
</tr>
<tr>
<td>173</td>
<td>Operations research analysts, including modeling</td>
</tr>
<tr>
<td>174</td>
<td>Statisticians</td>
</tr>
<tr>
<td>175</td>
<td>Technologists and technicians in the mathematical sciences</td>
</tr>
<tr>
<td>176</td>
<td>OTHER mathematical scientists</td>
</tr>
<tr>
<td>191</td>
<td>Astronomers</td>
</tr>
<tr>
<td>192</td>
<td>Atmospheric and space scientists</td>
</tr>
<tr>
<td>022</td>
<td>Biochemists and biophysicists</td>
</tr>
<tr>
<td>193</td>
<td>Chemists, except biochemists</td>
</tr>
<tr>
<td>194</td>
<td>Geologists, including earth scientists</td>
</tr>
<tr>
<td>195</td>
<td>Oceanographers</td>
</tr>
<tr>
<td>196</td>
<td>Physicists, except biophysicists</td>
</tr>
<tr>
<td>197</td>
<td>Technologists and technicians in the physical sciences</td>
</tr>
<tr>
<td>198</td>
<td>OTHER physical scientists</td>
</tr>
<tr>
<td>201</td>
<td>Sales occupations – commodities except retail (e.g., industrial machinery/equipment/supplies, medical and dental equip./supplies)</td>
</tr>
<tr>
<td>202</td>
<td>Sales occupations – retail (e.g., furnishings, clothing, motor vehicles, cosmetics)</td>
</tr>
<tr>
<td>203</td>
<td>OTHER marketing and sales occupations</td>
</tr>
<tr>
<td>221</td>
<td>Food preparation and service (e.g., cooks, waitresses, bartenders)</td>
</tr>
<tr>
<td>222</td>
<td>Protective services (e.g., fire fighters, police, guards, wardens, park rangers)</td>
</tr>
<tr>
<td>223</td>
<td>OTHER service occupations, except health (e.g., probation officers, human services workers)</td>
</tr>
<tr>
<td>231</td>
<td>Anthropologists</td>
</tr>
<tr>
<td>232</td>
<td>Economists</td>
</tr>
<tr>
<td>233</td>
<td>Historians</td>
</tr>
<tr>
<td>235</td>
<td>Political scientists</td>
</tr>
<tr>
<td>236</td>
<td>Psychologists, including clinical – Also consider 070 Counselors</td>
</tr>
<tr>
<td>237</td>
<td>Sociologists</td>
</tr>
<tr>
<td>238</td>
<td>OTHER social scientists</td>
</tr>
<tr>
<td>240</td>
<td>Social workers</td>
</tr>
<tr>
<td>251</td>
<td>Pre-kindergarten and kindergarten</td>
</tr>
<tr>
<td>252</td>
<td>Elementary</td>
</tr>
<tr>
<td>253</td>
<td>Secondary – computer, math, or sciences</td>
</tr>
<tr>
<td>254</td>
<td>Secondary – social sciences</td>
</tr>
<tr>
<td>255</td>
<td>Secondary – other subjects</td>
</tr>
<tr>
<td>256</td>
<td>Special education – primary and secondary</td>
</tr>
<tr>
<td>257</td>
<td>OTHER precollegiate area</td>
</tr>
<tr>
<td>271</td>
<td>Agriculture</td>
</tr>
<tr>
<td>272</td>
<td>Art, Drama, and Music</td>
</tr>
<tr>
<td>273</td>
<td>Biological Sciences</td>
</tr>
<tr>
<td>274</td>
<td>Business, Commerce, and Marketing</td>
</tr>
<tr>
<td>275</td>
<td>Chemistry</td>
</tr>
<tr>
<td>276</td>
<td>Computer Science</td>
</tr>
<tr>
<td>277</td>
<td>Earth, Environmental, and Marine Science</td>
</tr>
<tr>
<td>278</td>
<td>Economics</td>
</tr>
<tr>
<td>279</td>
<td>Education</td>
</tr>
<tr>
<td>280</td>
<td>Engineering</td>
</tr>
<tr>
<td>281</td>
<td>English</td>
</tr>
<tr>
<td>282</td>
<td>Foreign Language</td>
</tr>
<tr>
<td>283</td>
<td>History</td>
</tr>
<tr>
<td>286</td>
<td>Mathematics and Statistics</td>
</tr>
<tr>
<td>287</td>
<td>Health and Related Sciences</td>
</tr>
<tr>
<td>288</td>
<td>Physical Education</td>
</tr>
<tr>
<td>289</td>
<td>Physics</td>
</tr>
<tr>
<td>290</td>
<td>Political Science</td>
</tr>
<tr>
<td>291</td>
<td>Psychology</td>
</tr>
<tr>
<td>293</td>
<td>Sociology</td>
</tr>
<tr>
<td>297</td>
<td>OTHER Natural Sciences</td>
</tr>
<tr>
<td>298</td>
<td>OTHER Social Sciences</td>
</tr>
<tr>
<td>299</td>
<td>OTHER Postsecondary fields</td>
</tr>
<tr>
<td>300</td>
<td>OTHER teachers and instructors (e.g., private tutors, dance or flying instructors, martial arts instructors)</td>
</tr>
<tr>
<td>010</td>
<td>Writers, editors, public relations specialists, artists, entertainers, broadcasters</td>
</tr>
<tr>
<td>401</td>
<td>Construction and extraction occupations</td>
</tr>
<tr>
<td>402</td>
<td>Installation, maintenance, and repair occupations</td>
</tr>
<tr>
<td>403</td>
<td>Precision/production occupations (e.g., metal workers, woodworkers, butchers, bakers, assemblers, printing occupations, tailors, shoemakers, photographic process)</td>
</tr>
<tr>
<td>405</td>
<td>Transportation and material moving occupations</td>
</tr>
<tr>
<td>500</td>
<td>OTHER OCCUPATIONS (Not Listed)</td>
</tr>
</tbody>
</table>
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:

2010 Survey of Doctorate Recipients
c/o NORC at the University of Chicago
1 North State Street, 16th Floor
Chicago, IL 60602-3305
UNITED STATES OF AMERICA

- 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: