



SED

Survey of Earned Doctorates

July 1, 2017 to June 30, 2018

Conducted by



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Data collection activities contracted to



Please PRINT all responses. You may use either a pen or pencil.

First Name	Middle Name	Last Name	Suffix (e.g., Jr.)
Birth name or former name, if legally changed		Today's Date	
Doctoral Institution		City or Branch	
Type of Research Doctoral Degree (e.g., PhD, EdD, etc.)			

This information is solicited under the authority of the National Science Foundation Act of 1950, as amended. All information you provide is protected under the NSF Act and the Privacy Act of 1974, and will be used only for research or statistical purposes by your doctoral institution, the survey sponsors, their contractors and collaborating researchers for the purpose of analyzing data, preparing scientific reports and articles and selecting samples for a limited number of carefully defined follow-up studies. Per the Federal Cybersecurity Enhancement Act of 2015, your data are protected from cybersecurity risks through screening of the systems that transmit your data. The last four digits of your Social Security number are also solicited under the NSF Act of 1950, as amended; provision of it is voluntary. It will be kept confidential. It is used for quality control, to assure that we identify the correct persons, especially when data are used for statistical purposes in Federal program evaluation. Any information publicly released (such as statistical summaries) will be in a form that does not personally identify you or other respondents. Your response is voluntary and failure to provide some or all of the requested information will not in any way adversely affect you.

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For more information about the Survey of Earned Doctorates, go to www.sedsurvey.org

Part A1 - RESEARCH DOCTORAL DEGREE

A1. Please provide the following information for your research doctoral degree.

Month/year degree started: Month Year

Month/year degree granted
or expected to be granted: Month Year

A2. Please name the department (or interdisciplinary committee, center, institute, etc.) of the university that supervised your doctoral studies.

Department/Committee/Center/Institute/Program

A3. Please choose the field number from the Field of Study list on pages 16 and 17 (see foldout) that best matches your primary field of study for your research doctoral degree.

Field number, see foldout

If you do not think that the field you selected above adequately reflects your primary field of study for your research doctoral degree, please write the name of the field in the box below.

Name of field

A4. Was your dissertation research interdisciplinary?

1 Yes 2 No



A5. Please choose the field number from the Field of Study list on pages 16 and 17 (see foldout) that best matches your primary field of dissertation research.

Field number, see foldout

If you do not think that the field you selected above adequately reflects your primary field of dissertation research, please write the name of the field in the box below.

Name of field

GO TO A7 on PAGE 3

A6. Please list the primary field of your dissertation research, followed by other fields used in your dissertation research.

Please choose the field number from the Field of Study list on pages 16 and 17 (see foldout) that best matches your field of dissertation research.

If you do not think that the field you selected on the left adequately reflects the field from which your dissertation draws, please write the name of the field in the box below.

Primary field Field number, see foldout

Name of primary field

Field 2 Field number, see foldout

Name of field

Field 3 Field number, see foldout

Name of field

Field 4 Field number, see foldout

Name of field

A7. Did you receive full or partial tuition remission (waiver) for your doctoral studies?

Mark (X) one

- 1 No, I did not receive any tuition remission
- 2 Yes, I received remission for less than 1/3 of tuition
- 3 Yes, I received between 1/3 and 2/3 of tuition
- 4 Yes, I received remission for more than 2/3 of tuition, but less than full
- 5 Yes, I received full tuition remission

Part A2 - EDUCATIONAL HISTORY

A8. Did you ever earn college credit from a community or 2-year college?

- 1 Yes
- 2 No

ASSOCIATE'S DEGREE(S)

A9. Have you received an associate's degree (e.g., AA, AS) or equivalent?

- 1 Yes
- 2 No → GO TO A10 on PAGE 4

a. Please provide the following information for the first associate's degree that you received.

Institution name _____

Branch or city _____

State or U.S. territory _____

Country _____

b. Please choose the field number from the Field of Study list on pages 16 and 17 (see foldout) that best matches your field of study for this associate's degree.

Field number, see foldout

If you do not think that the field you selected above adequately reflects your field for this degree, please write the name of the field in the box below.

Name of field

c. When did you start this associate's degree and when was the degree granted?

Month/year degree started: Month Year Month/year degree granted: Month Year

d. Have you ever received another associate's degree (e.g., AA, AS) or equivalent?

- 1 Yes
- 2 No → GO TO A10 on PAGE 4

Second Associate's Degree

Institution _____

Branch or city _____

State or U.S. territory _____

Country _____

Field number, see foldout _____

Month/Year started _____

Month/Year granted _____

Third Associate's Degree

Institution _____

Branch or city _____

State or U.S. territory _____

Country _____

Field number, see foldout _____

Month/Year started _____

Month/Year granted _____

BACHELOR'S DEGREE(S)

A10. Have you received a bachelor's degree (e.g., BA, BS, AB) or equivalent?

1 Yes 2 No → GO TO A11 on PAGE 5

a. Please provide the following information for the first bachelor's degree that you received.

Institution name

Branch or city

State or U.S. territory

Country

b. Please choose the field number from the Field of Study list on pages 16 and 17 (see foldout) that best matches your field of study (i.e., major) for this bachelor's degree.

Field number, see foldout

If you do not think that the field you selected above adequately reflects your field for this degree, please write the name of the field in the box below.

Name of field

c. Did you complete a double major for this bachelor's degree?

1 Yes 2 No



Please choose the field number from the Field of Study list on pages 16 and 17 (see foldout) that best matches your second major for this bachelor's degree.

Field number, see foldout

If you do not think that the field you selected above adequately reflects your field for this degree, please write the name of the field in the box below.

Name of field

d. When did you start this bachelor's degree and when was the degree granted?

Month/year degree started: Month Year Month/year degree granted: Month Year

e. Have you ever received another bachelor's degree (e.g., BA, BS, AB) or equivalent?

1 Yes 2 No → GO TO A11 on PAGE 5



Second Bachelor's Degree

Institution

Branch or city

State or U.S. territory

Country

Field number, see foldout

Month/Year started

Month/Year granted

Third Bachelor's Degree

Institution

Branch or city

State or U.S. territory

Country

Field number, see foldout

Month/Year started

Month/Year granted

A11. In what month and year did you first enter any graduate program, even if you did not earn a degree?

Month Year

MASTER'S DEGREE(S)

A12. Have you received a master's degree (e.g., MS, MA, MBA) or equivalent?

1 Yes 2 No → GO TO A13 on PAGE 6

a. Please provide the following information for the **MOST RECENT** master's degree that you received.

Institution name _____
Branch or city _____
State or U.S. territory _____
Country _____

b. Please choose the field number from the Field of Study list on pages 16 and 17 (see foldout) that best matches your field of study for your **MOST RECENT** master's degree.

Field number, see foldout

If you do not think that the field you selected above adequately reflects your field for this degree, please write the name of the field in the box below.

Name of field

c. When did you start this master's degree and when was the degree granted?

Month/year degree started: Month Year Month/year degree granted: Month Year

d. Which of the following best describes this master's degree?

1 This master's degree was required to enter or continue in my doctoral program _____ → GO TO f BELOW
2 This master's degree was not required and it did not fulfill any credits for my doctoral program _____
3 This master's degree was not required, but it fulfilled credits for my doctoral program

e. About how many of the credits from this master's degree counted toward your doctoral degree?

Mark (X) one

1 Some 2 Most 3 All

f. Have you ever received another master's degree (e.g., MS, MA, MBA) or equivalent?

1 Yes 2 No → GO TO A13 on PAGE 6

Additional Master's Degree 1

Institution _____
Branch or city _____
State or U.S. territory _____
Country _____
Field number, see foldout _____
Month/Year started _____
Month/Year granted _____

Additional Master's Degree 2

Institution _____
Branch or city _____
State or U.S. territory _____
Country _____
Field number, see foldout _____
Month/Year started _____
Month/Year granted _____

PROFESSIONAL DOCTORAL DEGREE

A13. In addition to your current research doctoral degree, have you earned or are you earning a professional doctoral degree, such as an MD, DDS, DVM, JD, PsyD, or DDiv?

- 1 Yes, I am currently earning a professional doctoral degree
- 2 Yes, I have already earned a professional doctoral degree
- 3 No → **GO TO A14 BELOW**

a. Please provide the following information for your professional doctoral degree.

Degree type

Institution name

Branch or city

State or U.S. territory

Country

b. When did you start your professional doctoral degree and when was the degree granted or when is it expected to be granted?

Month/year degree started: Month Year

Month/year degree granted or expected to be granted: Month Year

A14. Did you earn any of the degrees you reported as part of a joint degree program (sometimes referred to as a combined or dual degree program)? Examples of joint degrees include BA/MA, BA/MBA, MA/PhD, and MD/PhD programs.

- 1 Yes → Write in the degrees you earned as part of a joint degree program:
- 2 No

A15. Please indicate whether each of the following was a source of financial support for your educational and living expenses during graduate school.

Include sources of support for all graduate-level degree programs (master's and doctoral).

Mark (X) Yes or No for each

	Yes	No
a Fellowship, scholarship	1 <input type="checkbox"/>	2 <input type="checkbox"/>
b Dissertation grant	1 <input type="checkbox"/>	2 <input type="checkbox"/>
c Teaching assistantship	1 <input type="checkbox"/>	2 <input type="checkbox"/>
d Research assistantship	1 <input type="checkbox"/>	2 <input type="checkbox"/>
e Other assistantship	1 <input type="checkbox"/>	2 <input type="checkbox"/>
f Traineeship	1 <input type="checkbox"/>	2 <input type="checkbox"/>
g Internship, clinical residency	1 <input type="checkbox"/>	2 <input type="checkbox"/>
h Loans (from any source)	1 <input type="checkbox"/>	2 <input type="checkbox"/>
i Personal savings	1 <input type="checkbox"/>	2 <input type="checkbox"/>
j Personal earnings during graduate school (other than sources listed above)	1 <input type="checkbox"/>	2 <input type="checkbox"/>
k Spouse's, partner's, or family's earnings or savings	1 <input type="checkbox"/>	2 <input type="checkbox"/>
l Employer reimbursement/assistance	1 <input type="checkbox"/>	2 <input type="checkbox"/>
m Foreign (non-U.S.) support	1 <input type="checkbox"/>	2 <input type="checkbox"/>
n Other - Specify	1 <input type="checkbox"/>	2 <input type="checkbox"/>

A16. Based on the total amount of financial support provided, which of the sources from A15 were your primary and secondary sources of support?

Enter **letters** of primary and secondary sources

- 1 Primary source of support
- 2 Secondary source of support Mark (X) if no secondary source

A17. When you receive your doctoral degree, how much money will you owe that is directly related to your undergraduate and graduate education?

Mark (X) one in each column

a UNDERGRADUATE		b GRADUATE	
1	<input type="checkbox"/> None	1	<input type="checkbox"/> None
2	<input type="checkbox"/> \$10,000 or less	2	<input type="checkbox"/> \$10,000 or less
3	<input type="checkbox"/> \$10,001 - \$20,000	3	<input type="checkbox"/> \$10,001 - \$20,000
4	<input type="checkbox"/> \$20,001 - \$30,000	4	<input type="checkbox"/> \$20,001 - \$30,000
5	<input type="checkbox"/> \$30,001 - \$40,000	5	<input type="checkbox"/> \$30,001 - \$40,000
6	<input type="checkbox"/> \$40,001 - \$50,000	6	<input type="checkbox"/> \$40,001 - \$50,000
7	<input type="checkbox"/> \$50,001 - \$60,000	7	<input type="checkbox"/> \$50,001 - \$60,000
8	<input type="checkbox"/> \$60,001 - \$70,000	8	<input type="checkbox"/> \$60,001 - \$70,000
9	<input type="checkbox"/> \$70,001 - \$80,000	9	<input type="checkbox"/> \$70,001 - \$80,000
10	<input type="checkbox"/> \$80,001 - \$90,000	10	<input type="checkbox"/> \$80,001 - \$90,000
11	<input type="checkbox"/> \$90,001 or more	11	<input type="checkbox"/> \$90,001 or more
	Please specify		Please specify
	\$ <input type="text"/>		\$ <input type="text"/>

Part B - POSTGRADUATION PLANS

B1. Where do you intend to live in the year after graduation?

Mark (X) one

- 1 In the United States
Write in name of state or U.S. territory:
- 2 Outside the United States
Write in name of country:

B2. What best describes the status of your postgraduate plans?

Mark (X) one

- 1 I accepted or began a postdoc or other training position _____
(A "postdoc" is a temporary position primarily for gaining additional education and training in research, awarded in academe, industry, government, or a nonprofit organization.) → **GO TO POSTDOC OR OTHER TRAINING on PAGE 8**
- 2 I am returning to, or continuing in, predoctoral employment. _____ → **GO TO EMPLOYED OTHER THAN POSTDOC OR TRAINING on PAGE 9**
- 3 I accepted or am employed in a position other than a postdoc or training position _____ → **GO TO EMPLOYED OTHER THAN POSTDOC OR TRAINING on PAGE 9**
- 4 I am negotiating an offer of employment with one or more specific organizations _____ → **GO TO NEGOTIATING OR SEEKING on PAGE 11**
- 5 I am seeking a position but currently have no offer of employment _____ → **GO TO NEGOTIATING OR SEEKING on PAGE 11**
- 6 I am enrolling in a full-time degree program (e.g., PhD, MD, DDS, JD, MBA, etc.) _____ → **GO TO PART C on PAGE 11**
- 7 I do not plan to work or study (e.g., family commitments, etc.) _____ → **GO TO PART C on PAGE 11**
- 8 Other - Specify _____ → **GO TO PART C on PAGE 11**
-

POSTDOC OR OTHER TRAINING (if you checked Box 1 in B2)

B3. What best describes the nature of your postdoc or other training?

Mark (X) one

- 1 Postdoc fellowship or research associateship
- 2 Traineeship
- 3 Internship, clinical residency
- 4 Other training - Specify

B4. What one type of principal employer will you be working for or training with?

Mark (X) one

EDUCATION

- 1 U.S. 4-year college or university other than medical school
- 2 U.S. medical school (*including university-affiliated hospital or medical center*)
- 3 U.S. university-affiliated research institute
- 4 U.S. community or 2-year college
- 5 Foreign educational institution
- 6 U.S. preschool, elementary, middle, secondary school or school system

GOVERNMENT (*other than educational institution*)

- 7 Foreign government
- 8 U.S. federal government
- 9 U.S. state government
- 10 U.S. local government

PRIVATE OR NONPROFIT SECTOR (*other than educational institution*)

- 11 Nonprofit organization (*including private foundation*)
- 12 Industry (*for profit*)

OTHER

- 13 Self-employed
- 14 Other - Specify

B5. Please name the organization and geographic location where you will work or train.

a. Organization:

b. Geographic location:

Mark (X) one

- 1 In the United States
Write in name of state or U.S. territory:
- 2 Outside the United States
Write in name of country:

c. Is this a college or university? 1 Yes 2 No

B6. What will be your primary and secondary work activities?

Mark (X) one in each column

	a PRIMARY	b SECONDARY
Research and development	1 <input type="checkbox"/>	1 <input type="checkbox"/>
Teaching	2 <input type="checkbox"/>	2 <input type="checkbox"/>
Management or administration	3 <input type="checkbox"/>	3 <input type="checkbox"/>
Professional services to individuals (<i>such as healthcare, counseling, financial services, legal services, consulting</i>)	4 <input type="checkbox"/>	4 <input type="checkbox"/>
Other - Specify	5 <input type="checkbox"/>	5 <input type="checkbox"/>
<input style="width: 100%; height: 25px;" type="text"/>		
No secondary work activities		<input type="checkbox"/>

B7. What will be the main source of financial support for your postdoc or other training?

Mark (X) one

- 1 U.S. government
- 2 Industry/business
- 3 College or university
- 4 Private foundation
- 5 Nonprofit, other than private foundation or college
- 6 Foreign government
- 7 No financial support (*unpaid position*)
- 8 Other - Specify
- 9 Not sure/Unknown

B8. What will be your basic annual salary for this principal job or training? Do not include bonuses or additional compensation for summertime teaching or research. If you are not salaried, please estimate your earned income.

In which currency did you report your salary above?

- 1 U.S. Dollars
 2 Another currency - please specify

If you prefer not to report an exact amount, please indicate into which range you expect your salary to fall:

Mark (X) one

- | | |
|--|---|
| 1 <input type="checkbox"/> \$30,000 or less | 7 <input type="checkbox"/> \$70,001 - \$80,000 |
| 2 <input type="checkbox"/> \$30,001 - \$35,000 | 8 <input type="checkbox"/> \$80,001 - \$90,000 |
| 3 <input type="checkbox"/> \$35,001 - \$40,000 | 9 <input type="checkbox"/> \$90,001 - \$100,000 |
| 4 <input type="checkbox"/> \$40,001 - \$50,000 | 10 <input type="checkbox"/> \$100,001 - \$110,000 |
| 5 <input type="checkbox"/> \$50,001 - \$60,000 | 11 <input type="checkbox"/> \$110,001 or above |
| 6 <input type="checkbox"/> \$60,001 - \$70,000 | 12 <input type="checkbox"/> Don't know |

B9. How many months does this salary cover?

Number of Months (1-12)

GO TO PART C on PAGE 11

EMPLOYED OTHER THAN POSTDOC OR TRAINING
 (if you checked Box 2 or 3 in B2)

B10. Is your employment considered military service?

- 1 Yes
 2 No

B11. What one type of principal employer will you be working for?

Mark (X) one

EDUCATION

- 1 U.S. 4-year college or university other than medical school
 2 U.S. medical school (including university-affiliated hospital or medical center)
 3 U.S. university-affiliated research institute
 4 U.S. community or 2-year college
 5 Foreign educational institution
 6 U.S. preschool, elementary, middle, secondary school or school system

→ GO TO B12 on PAGE 10

GOVERNMENT (other than educational institution)

- 7 Foreign government
 8 U.S. federal government
 9 U.S. state government
 10 U.S. local government

→ GO TO B13 on PAGE 10

PRIVATE OR NONPROFIT SECTOR (other than educational institution)

- 11 Nonprofit organization (including private foundation)
 12 Industry (for profit)

OTHER

- 13 Self-employed
 14 Other - Specify

B12. Will you be holding a faculty position?

Mark (X) one

- 1 Yes, a tenure-track faculty position
- 2 Yes, a non-tenure-track faculty position
- 3 No

B13. Please name the organization and geographic location where you will work.

a. Organization:

b. Geographic location:

Mark (X) one

- 1 In the United States
Write in name of state or U.S. territory:
- 2 Outside the United States
Write in name of country:

c. Is this a college or university? 1 Yes 2 No

B14. What will be your primary and secondary work activities?

Mark (X) one in each column

a PRIMARY b SECONDARY

- | | | | | | |
|---|---|--------------------------|-----------|---|--------------------------|
| Research and development | 1 | <input type="checkbox"/> | | 1 | <input type="checkbox"/> |
| Teaching | 2 | <input type="checkbox"/> | | 2 | <input type="checkbox"/> |
| Management or administration | 3 | <input type="checkbox"/> | | 3 | <input type="checkbox"/> |
| Professional services to individuals
(such as healthcare, counseling, financial
services, legal services, consulting) | 4 | <input type="checkbox"/> | | 4 | <input type="checkbox"/> |
| Other - Specify | 5 | <input type="checkbox"/> | | 5 | <input type="checkbox"/> |

No secondary work activities

B15. What will be your basic annual salary for this principal job? Do not include bonuses or additional compensation for summertime teaching or research. If you are not salaried, please estimate your earned income.

In which currency did you report your salary above?

- 1 U.S. Dollars
- 2 Another currency - please specify

If you prefer not to report an exact amount, please indicate into which range you expect your salary to fall:

Mark (X) one

- | | |
|--|---|
| 1 <input type="checkbox"/> \$30,000 or less | 7 <input type="checkbox"/> \$70,001 - \$80,000 |
| 2 <input type="checkbox"/> \$30,001 - \$35,000 | 8 <input type="checkbox"/> \$80,001 - \$90,000 |
| 3 <input type="checkbox"/> \$35,001 - \$40,000 | 9 <input type="checkbox"/> \$90,001 - \$100,000 |
| 4 <input type="checkbox"/> \$40,001 - \$50,000 | 10 <input type="checkbox"/> \$100,001 - \$110,000 |
| 5 <input type="checkbox"/> \$50,001 - \$60,000 | 11 <input type="checkbox"/> \$110,001 or above |
| 6 <input type="checkbox"/> \$60,001 - \$70,000 | 12 <input type="checkbox"/> Don't know |

B16. How many months does this salary cover?

Number of Months (1-12)

B17. Is your position with the same employer you worked for during your doctoral studies or before you started your doctoral studies?

Mark (X) one

- 1 Yes, I first worked for this employer before I started my doctoral studies —————> **GO TO B19 BELOW**
- 2 Yes, I first worked for this employer during my doctoral studies
- 3 No —————> **GO TO PART C on PAGE 11**

B18. Are you in the same position with the same employer that you worked for during your doctoral studies?

- 1 Yes
- 2 No —————> **GO TO PART C on PAGE 11**

B19. Now that you are receiving or have received your doctoral degree, are you planning to seek new employment?

- 1 Yes, I plan to seek new employment within the next year
- 2 No, I plan to continue in my current position

GO TO PART C on PAGE 11

NEGOTIATING OR SEEKING (if you checked Box 4 or 5 in B2)

B20. What type of position(s) are you negotiating or seeking?

Mark (X) one or more

- 1 A postdoc or other training position
(A "postdoc" is a temporary position primarily for gaining additional education and training in research, awarded in academe, industry, government, or a nonprofit organization.)
- 2 Employment (other than a postdoc or training position)
- 3 Other - Specify

B21. What type of employer(s) are you negotiating or seeking to work for (or train with)?

Mark (X) one or more

- 1 a Educational institution
- 2 b Government (other than educational institution)
- 3 c Business/industry
- 4 d Nonprofit organization (including private foundation)
- 5 e Other - Specify

B22. Did you mark more than one response in Question B21?

- 1 Yes
- 2 No → GO TO B24

B23. Of the employers you selected in B21, which ONE employer would be your top choice?

Enter **letter** of top choice

- 1 Top Choice

B24. What is your current employment status?

Please include part-time, full-time, and temporary positions.

- 1 I am employed in a position related to my field of study
- 2 I am employed in a position not related to my field of study
- 3 I am not employed → GO TO PART C BELOW

B25. Is your position with the same employer you worked for during your doctoral studies or before you started your doctoral studies?

Mark (X) one.

- 1 Yes, I first worked for this employer before I started my doctoral studies
- 2 Yes, I first worked for this employer during my doctoral studies
- 3 No

Part C - BACKGROUND INFORMATION

C1. Are you male or female?

- 1 Male 2 Female

C2. What is your current marital status?

Mark (X) one

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

C3. Not including yourself or your spouse/partner, do you have any dependents? (Dependents are children or adults who receive at least one-half of their financial support from you.)

1 Yes → Write in number of dependents in each age range

5 years of age or younger	<input type="text"/>
6 to 18 years	<input type="text"/>
19 years or older	<input type="text"/>

2 No

C4. What is the highest educational attainment of your parents or guardians?

Mark (X) one for each parent or guardian

	a MOTHER/ FEMALE GUARDIAN	b FATHER/ MALE GUARDIAN
Less than high school/secondary school graduate	1 <input type="checkbox"/>	1 <input type="checkbox"/>
High school/secondary school graduate	2 <input type="checkbox"/>	2 <input type="checkbox"/>
Some college	3 <input type="checkbox"/>	3 <input type="checkbox"/>
Associate's degree	4 <input type="checkbox"/>	4 <input type="checkbox"/>
Bachelor's degree	5 <input type="checkbox"/>	5 <input type="checkbox"/>
Master's degree (e.g., MA, MS, MBA, MSW, etc.)	6 <input type="checkbox"/>	6 <input type="checkbox"/>
Professional degree (e.g., MD, DDS, DVM, JD, PsyD, DDiv, etc.)	7 <input type="checkbox"/>	7 <input type="checkbox"/>
Research doctoral degree (e.g., PhD)	8 <input type="checkbox"/>	8 <input type="checkbox"/>
Not applicable/Unknown	9 <input type="checkbox"/>	9 <input type="checkbox"/>

C5. Where is your place of birth?

Mark (X) one

1 In the United States
Write in name of state or U.S. territory:

2 Outside the United States
Write in name of country:

C6. What is your date of birth?

Month Day Year

C7. What is your citizenship status?

Mark (X) one

U.S. CITIZEN

1 Since birth → **GO TO C9**

2 Naturalized

NON-U.S. CITIZEN

3 With a Permanent U.S. Resident Visa ("Green Card") → **GO TO C8**

4 With a Temporary U.S. Visa

C8. (If a non-U.S. citizen) Of which country are you a citizen?

Specify country of present citizenship:

C9. In what state or country was the high school/secondary school that you last attended?

Mark (X) one

1 In the United States
Write in name of state or U.S. territory:

2 Outside the United States
Write in name of country:

C10. Are you Hispanic or Latino?

Mark (X) one

1 No, I am not Hispanic or Latino

2 Yes, I am Mexican or Chicano

3 Yes, I am Puerto Rican

4 Yes, I am Cuban

5 Yes, I am Other Hispanic or Latino - Specify

C11. 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

C12. The following questions are designed to help us better understand the educational paths of individuals with specific functional limitations. What is the USUAL degree of difficulty you have with...

Mark (X) one in each row

	NONE	SLIGHT	MODERATE	SEVERE	UNABLE TO DO
a SEEING words or letters in ordinary newsprint <i>(with glasses/contact lenses, if you usually wear them)</i>	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
b HEARING what is normally said in conversation with another person <i>(with hearing aid, if you usually wear one)</i>	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
c WALKING without human or mechanical assistance or using stairs	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
d LIFTING or carrying something as heavy as 10 pounds, such as a bag of groceries	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
e CONCENTRATING, REMEMBERING, or MAKING DECISIONS because of a physical, mental or emotional condition	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

C13. Mark this box (X) if you answered "NONE" to all the activities in Question C12, and go to Question C15.

C14. What is the earliest age at which you first began experiencing any difficulties in any of these areas?

Age OR Since birth

C15. Please fill in the *last four* digits of your Social Security number.

- -

NOTE: The partial Social Security number is used for quality control by the survey contractor and for statistical reporting and program evaluation by the SED Federal sponsors. Specifically: (1) The SED contractor uses it to make sure there are no duplicate records in the historical data file and to cross-reference individuals completing a second research doctorate; and (2) The Federal agencies that sponsor the SED may match information to data on Federal funding support for graduate education.

C16. Please list your mailing address, an email address and telephone number where you can be reached for possible additional research follow-up.

Your Current Street Address

City/State/Country/ZIP or Postal Code

Email Address

Daytime or Cell Telephone Number (including area or country code)

C17. Please provide the name and contact information of a person who is likely to know where you can be reached for possible research follow-up (in case your address changes).

Name of person who will know where you can be reached

Relationship (e.g., family, work colleague/adviser, friend)

City/State/Country/ZIP or Postal Code

Email Address

Telephone Number (including area or country code)



Please open this page for the Field of Study List

The Field of Study listing on pages 16 and 17 is to be used in responding to items A3, A5, A6, A11, A12, and A14. Please choose the code that best describes the name of your field.

BUSINESS MANAGEMENT/ADMINISTRATION

900 Accounting	921 Human Resources Development	935 Organizational Behavior (<i>see also PSYCHOLOGY: Industrial & Organizational</i>)
910 Business Administration & Management	916 International Business/Trade/Commerce	938 Business Management/Administration, General
915 Business/Managerial Economics	917 Management Information Systems/Business Statistics	939 Business Management/Administration, Other
901 Finance	920 Marketing Management & Research	
912 Hospitality, Food Service & Tourism Management	930 Operations Research (<i>also in ENGINEERING & in MATHEMATICS</i>)	

COMMUNICATION

940 Communication Research	950 Film, Radio, TV & Digital Communication	958 Communication, General
957 Communication Theory	947 Mass Communication/Media Studies	959 Communication, Other

COMPUTER & INFORMATION SCIENCES

400 Computer Science	410 Information Science & Systems	418 Computer & Information Sciences, General
		419 Computer & Information Sciences, Other

EDUCATION**RESEARCH & ADMINISTRATION**

840 Counseling Education/Counseling & Guidance	812 Educational/Instructional Technology	833 International Education
800 Curriculum & Instruction	807 Educational Leadership	801 Learning Sciences
805 Educational Administration & Supervision	808 Educational Policy Analysis	825 School Psychology (<i>also in PSYCHOLOGY</i>)
820 Educational Assessment/Testing/Measurement	822 Educational Psychology (<i>also in PSYCHOLOGY</i>)	830 Social/Philosophical Foundations of Education
804 Educational & Human Resource Studies/Development	815 Educational Statistics/Research Methods	835 Special Education
810 Educational/Instructional Media Design	845 Higher Education/Evaluation & Research	806 Urban Education and Leadership

TEACHER EDUCATION

858 Adult & Continuing Teacher Education	850 Pre-elementary/Early Childhood Teacher Education	856 Secondary Teacher Education
852 Elementary Teacher Education		

TEACHING FIELDS

860 Agricultural Education	870 Family & Consumer/Human Science (<i>also in Fields Not Elsewhere Classified</i>)	876 Music Education
861 Art Education	866 Foreign Languages Education	878 Nursing Education
865 Bilingual & Multilingual Education	868 Health Education	880 Physical Education & Coaching
863 English as a Second or Foreign Language	882 Literacy & Reading Education	884 Science Education
864 English Education	874 Mathematics Education	885 Social Science Education
		889 Teacher Education & Professional Development, Other

OTHER EDUCATION

895 Workforce Education & Development	898 Education, General	899 Education, Other
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ENGINEERING

300 Aerospace, Aeronautical & Astronautical Engineering	330 Engineering Physics	363 Operations Research (<i>also in MATHEMATICS & in BUSINESS MANAGEMENT</i>)
303 Agricultural Engineering	333 Engineering Science	366 Petroleum Engineering
306 Bioengineering & Biomedical Engineering	336 Environmental/Environmental Health Engineering	369 Polymer & Plastics Engineering
312 Chemical Engineering	337 Geotechnical & Geoenvironmental Engineering	415 Robotics
315 Civil Engineering	339 Industrial & Manufacturing Engineering	316 Structural Engineering
318 Communications Engineering	342 Materials Science Engineering	372 Systems Engineering
321 Computer Engineering	345 Mechanical Engineering	373 Transportation & Highway Engineering
324 Electrical, Electronics & Communications Engineering	348 Metallurgical Engineering	398 Engineering, General
376 Engineering Management & Administration	357 Nuclear Engineering	399 Engineering, Other
327 Engineering Mechanics	360 Ocean Engineering	

HUMANITIES**HISTORY**

706 African History	705 European History	708 Middle/Near East Studies
700 American History (U.S. & Canada)	710 History, Science & Technology & Society	718 History, General
703 Asian History	707 Latin American History	719 History, Other

FOREIGN LANGUAGES & LITERATURE

768 Arabic	743 German	752 Russian
758 Chinese	746 Italian	749 Spanish
740 French	762 Japanese	769 Other Languages & Literature
	750 Latin American	

LETTERS

732 American Literature (U.S. & Canada)	734 English Language	738 Letters, General
720 Classics	733 English Literature (British & Commonwealth)	739 Letters, Other
723 Comparative Literature	737 Rhetoric & Composition	
735 Creative Writing	736 Speech & Rhetorical Studies	

OTHER HUMANITIES

773 Archaeology (<i>also in SOCIAL SCIENCES</i>)	784 Ethics	788 Musicology/Ethnomusicology
775 African American Studies/Literature/History	778 Film/Cinema/Media Studies	789 Music, Other
776 Art History/Criticism/Conservation	777 Jewish/Judaic Studies & History	785 Philosophy
792 Bible/Biblical Studies	780 Music	790 Religion/Religious Studies
796 Dance	787 Music Performance	984 Theology/Religious Education
795 Drama/Theater Arts/Performance Studies	786 Music Theory & Composition	798 Humanities, General
		799 Humanities, Other

LIFE SCIENCES**AGRICULTURAL SCIENCES/NATURAL RESOURCES**

000 Agricultural Economics	044 Food Science & Technology, Other	030 Plant Pathology/Phytopathology (<i>also in BIOLOGICAL/BIOLOGICAL SCIENCES</i>)
025 Agricultural & Horticultural Plant Breeding	066 Forest Sciences & Biology	039 Plant Sciences, Other
020 Agronomy & Crop Science	070 Forest/Resources Management	046 Soil Chemistry/Microbiology
010 Animal Nutrition	079 Forestry & Related Science, Other	049 Soil Sciences, Other
014 Animal Science, Poultry (or Avian)	050 Horticulture Science	080 Wildlife/Range Management
019 Animal Science, Other	074 Natural Resources/Conservation	098 Agricultural Sciences/Natural Resources, General
081 Environmental Science	003 Natural Resource/Environmental Economics (<i>also in SOCIAL SCIENCES</i>)	099 Agricultural Sciences/Natural Resources, Other
055 Fishing & Fisheries Sciences/Management	685 Natural Resource/Environmental Policy	
043 Food Science		

LIFE SCIENCES (continued)**BIOLOGICAL/BIOMEDICAL SCIENCES**

130	Anatomy	139	Ecology	175	Pathology, Human & Animal
110	Bacteriology	145	Endocrinology	180	Pharmacology, Human & Animal
100	Biochemistry (<i>see also PHYSICAL SCIENCES: Chemistry, Other</i>)	148	Entomology	185	Physiology, Human & Animal
102	Bioinformatics	167	Environmental Toxicology	115	Plant Genetics
103	Biomedical Sciences	134	Epidemiology	120	Plant Pathology/Phytopathology (<i>also in AGRICULTURAL SCIENCES</i>)
133	Biometrics & Biostatistics	137	Evolutionary Biology	125	Plant Physiology
105	Biophysics (<i>also in PHYSICS</i>)	170	Genetics/Genomics, Human & Animal	155	Structural Biology
107	Biotechnology	151	Immunology	169	Toxicology
129	Botany/Plant Biology	157	Microbiology	168	Virology
158	Cancer Biology	154	Molecular Biology	188	Wildlife Biology
136	Cell/Cellular Biology & Histology	159	Molecular Medicine	189	Zoology
104	Computational Biology	160	Neurosciences & Neurobiology	198	Biology/Biomedical Sciences, General
142	Developmental Biology/Embryology	163	Nutrition Sciences	199	Biology/Biomedical Sciences, Other
		166	Parasitology		

HEALTH SCIENCES

210	Environmental Health	222	Kinesiology/Exercise Physiology	245	Rehabilitation/Therapeutic Services
227	Gerontology (<i>also in SOCIAL SCIENCES</i>)	577	Medical Physics/Radiological Science	200	Speech-Language Pathology & Audiology
280	Health and Behavior	230	Nursing Science	250	Veterinary Sciences
213	Health Services Research	207	Oral Biology/Oral Pathology	298	Health Sciences, General
212	Health Systems/Service Administration	240	Pharmaceutical Sciences	299	Health Sciences, Other
		215	Public Health		

MATHEMATICS

425	Algebra	435	Geometry/Geometric Analysis	450	Statistics (<i>also in SOCIAL SCIENCES</i>)
430	Analysis & Functional Analysis	440	Logic	455	Topology/Foundations
420	Applied Mathematics	445	Number Theory	498	Mathematics/Statistics, General
461	Computational Mathematics	465	Operations Research (<i>also in ENGINEERING & in BUSINESS MANAGEMENT</i>)	499	Mathematics/Statistics, Other
460	Computing Theory & Practice				

PHYSICAL SCIENCES**ASTRONOMY**

500	Astronomy	505	Astrophysics	509	Astronomy, Other
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ATMOSPHERIC SCIENCE & METEOROLOGY

510	Atmospheric Chemistry & Climatology	514	Meteorology	519	Atmospheric Science/Meteorology, Other
512	Atmospheric Physics & Dynamics	518	Atmospheric Science/Meteorology, General		

CHEMISTRY

520	Analytical Chemistry	526	Organic Chemistry	534	Theoretical Chemistry
527	Chemical Biology	530	Physical Chemistry	538	Chemistry, General
522	Inorganic Chemistry	532	Polymer Chemistry	539	Chemistry, Other (<i>see also BIOLOGICAL/BIOMEDICAL SCIENCES: Biochemistry</i>)
528	Medicinal Chemistry				

GEOLOGICAL & EARTH SCIENCES

542	Geochemistry	544	Geophysics & Seismology	550	Stratigraphy & Sedimentation
540	Geology	548	Mineralogy & Petrology	558	Geological & Earth Sciences, General
552	Geomorphology & Glacial Geology	546	Paleontology	559	Geological & Earth Sciences, Other

OCEAN/MARINE SCIENCES

585	Hydrology & Water Resources	590	Marine Sciences	599	Ocean/Marine, Other
152	Marine Biology & Biological Oceanography	595	Oceanography, Chemical & Physical		

PHYSICS

560	Acoustics	574	Condensed Matter/Low Temperature Physics	570	Plasma/Fusion Physics
576	Applied Physics	568	Nuclear Physics	572	Polymer Physics
561	Atomic/Molecular/Chemical Physics	569	Optics/Photonics	578	Physics, General
565	Biophysics (<i>also in BIOLOGICAL/BIOMEDICAL SCIENCES</i>)	564	Particle (Elementary) Physics	579	Physics, Other

PSYCHOLOGY

602	Behavioral Analysis	612	Developmental & Child Psychology	610	Marriage & Family Therapy/Counseling
600	Clinical Psychology	618	Educational Psychology (<i>also in EDUCATION</i>)	627	Neuropsychology/Physiological Psychology
626	Cognitive Neuroscience (<i>see also BIOLOGICAL/BIOMEDICAL SCIENCES: Neurosciences & Neurobiology</i>)	615	Experimental Psychology	624	Personality Psychology
603	Cognitive Psychology & Psycholinguistics	620	Family Psychology	633	Psychometrics & Quantitative Psychology
642	Community Psychology	614	Health & Medical Psychology	636	School Psychology (<i>also in EDUCATION</i>)
609	Counseling	613	Human Development & Family Studies	639	Social Psychology
		621	Industrial & Organizational Psychology (<i>see also BUSINESS MANAGEMENT: Organizational Behavior</i>)	648	Psychology, General
				649	Psychology, Other

SOCIAL SCIENCES

770	American/U.S. Studies	662	Demography/Population Studies	665	Natural Resource/Environmental Economics (<i>also in AGRICULTURAL SCIENCES</i>)
655	Anthropology, Cultural	668	Econometrics	678	Political Science & Government
656	Anthropology, Physical and Biological	667	Economics	682	Public Policy Analysis
650	Anthropology, General	651	Gender and Women's Studies	686	Sociology
675	Applied Linguistics	670	Geography	690	Statistics (<i>also in MATHEMATICS</i>)
773	Archaeology (<i>also in OTHER HUMANITIES</i>)	684	Gerontology (<i>also in HEALTH SCIENCES</i>)	694	Urban Affairs/Studies
652	Area/Ethnic/Cultural Studies	217	Health Policy Analysis	695	Urban/City, Community & Regional Planning
657	Criminal Justice & Corrections	674	International Relations/Affairs	698	Social Sciences, General
658	Criminology	676	Linguistics	699	Social Sciences, Other

FIELDS NOT ELSEWHERE CLASSIFIED (NEC)

960	Architecture/Environmental Design	972	Library Science	989	Other Fields, Not Elsewhere Classified
964	Family/Consumer Science/Human Science (<i>also in EDUCATION</i>)	974	Parks/Sports/Rec./Leisure/Fitness		
968	Law	976	Public Administration		
		980	Social Work		

To the Doctorate Recipient:

Congratulations on earning a doctoral degree!

Your accomplishment is significant for both this nation and others, as the new knowledge generated by research doctorates enhances the quality of life in this country and throughout the world. Because of the importance of persons earning research doctorates, several federal agencies—listed on the cover—sponsor this Survey of Earned Doctorates.

The basic purpose of this survey is to gather objective data about doctoral graduates. These data play an important role in local, regional and national initiatives concerning graduate education. Through outreach meetings with our constituents we have learned that decision makers in universities, private organizations and government agencies use data from the Survey of Earned Doctorates when developing new programs and allocating resources to current programs. If you have any comments about the survey, please provide them on page 14.

On behalf of the sponsoring federal agencies, I thank you for your participation in this survey.

Best wishes,

John R. Gawalt
National Science Foundation



OFFICE USE ONLY

Case ID:	Instit. Code:	Grad Date:	Main Disp.:
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PROCESSING

Receipt		Editing		CADE	
Initials	Date	Initials	Date	Initials	Date

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