

SE

# Conauctea by



## Data collection activities contracted to **MRTI**

First Name	Middle Name	Last Name	Suffix (e.g., Jr.)
Birth name or former name, if legally	y changed	Today's Date	
Doctoral Institution		Branch or City	

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 federal information 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.

The time needed to complete this form varies according to individual circumstances, but the average time is estimated to be 20 minutes. If you have comments regarding this time estimate, you may write to the National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA 22314, Attention: NSF Reports Clearance Officer. A federal agency may not conduct or sponsor a collection of information unless it displays a currently valid OMB control number.

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

## Part A1 - RESEARCH DOCTORAL DEGREE

A1. When did you start your research doctoral degree and when was the degree granted or when is it expected to be granted?

Month/year degree <u>started</u> :	Month		Year
Month/year degree <u>granted</u> or expected:	Month		Year

## A2. What is the name of the department that supervised your doctoral studies?

This could be interdisciplinary committee, center, institute, etc. Please use the full department name and avoid acronyms.

Department/Committee/Center/Institute/Program

A3. What was the primary field of study for your research doctoral degree?

Do not use acronyms or abbreviations.

**Field Name** 

A4. Was your dissertation research (or performance, project report, or music or literary composition) interdisciplinary?

 Yes				
No –	 	GO	TO	A6

→ A5. (If Yes to interdisciplinary research) Please list the fields of study for your dissertation research.

Primary Field:	Field Name
Field 2:	
	Field Name
Field 3:	Field Name
GO T	TO A7
A6. (If No) What was	s the name of the primary field of study for your dissertation research?

Primary Field:	
	Field Name

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

Select one.

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

# Part A2 - EDUCATIONAL HISTORY

A8. The next few questions ask about your educational experiences <u>prior</u> to entering your research doctoral degree.

Please select below all other degrees you have received after high school, and indicate the month and year each degree was started and awarded.

<u>Do not include</u> your research doctoral degree you reported already.

Degree type Select one per row.	Month started	Year started	Month awarded	Year awarded
Associate's degree (e.g., AS, AA) or equivalent Bachelor's degree (e.g., BS, BA, AB) or equivalent Master's degree (e.g., MS, MA, MBA, MSW) or equivalent Professional doctoral degree (e.g., MD, DDS, DVM, JD, PsyD) Another research doctoral degree (e.g., PhD, DSc) Other postsecondary degree - Specify:				
Associate's degree (e.g., AS, AA) or equivalent Bachelor's degree (e.g., BS, BA, AB) or equivalent Master's degree (e.g., MS, MA, MBA, MSW) or equivalent Professional doctoral degree (e.g., MD, DDS, DVM, JD, PsyD) Another research doctoral degree (e.g., PhD, DSc) Other postsecondary degree - Specify:				
<ul> <li>Associate's degree (e.g., AS, AA) or equivalent</li> <li>Bachelor's degree (e.g., BS, BA, AB) or equivalent</li> <li>Master's degree (e.g., MS, MA, MBA, MSW) or equivalent</li> <li>Professional doctoral degree (e.g., MD, DDS, DVM, JD, PsyD)</li> <li>Another research doctoral degree (e.g., PhD, DSc)</li> <li>Other postsecondary degree - Specify:</li> </ul>				
Associate's degree (e.g., AS, AA) or equivalent Bachelor's degree (e.g., BS, BA, AB) or equivalent Master's degree (e.g., MS, MA, MBA, MSW) or equivalent Professional doctoral degree (e.g., MD, DDS, DVM, JD, PsyD) Another research doctoral degree (e.g., PhD, DSc) Other postsecondary degree - Specify:				
Associate's degree <i>(e.g., AS, AA)</i> or equivalent Bachelor's degree <i>(e.g., BS, BA, AB)</i> or equivalent Master's degree <i>(e.g., MS, MA, MBA, MSW)</i> or equivalent Professional doctoral degree <i>(e.g., MD, DDS, DVM, JD, PsyD)</i> Another research doctoral degree <i>(e.g., PhD, DSc)</i> Other postsecondary degree - <i>Specify:</i>				

A9. (If you did not receive a professional doctorate) In addition to your doctoral degree, are you currently earning a professional doctoral degree, such as an MD, DDS, DVM, JD, or PsyD?

Yes
No

A10. (If you did not receive an associate's degree) Have you ever earned college credit from a community or 2-year college?

Yes
No

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

Month:			
Year:			

## **EDUCATION HISTORY DEGREE LOOP STARTS**

In the Web instrument, degrees reported in Questions A8 and A9 go through the loop for each degree. Up to 9 degrees are allowed, and multiple degrees of same type are looped through that degree type section each time.

#### **ASSOCIATE'S DEGREE LOOP STARTS**

A12. Please indicate the geographic location of the institution for your associate's degree in [year awarded].

Inside the United States or U.S. Territory Outside of the United States

A13. Please type the institution name where you received your associate's degree in [year awarded].

#### A14. What was the field of study for your associate's degree in [year awarded]?

Do not use acronyms or abbreviations.

Field Name

## **ASSOCIATE'S DEGREE LOOP ENDS**

	REFERENCE	ONLY. COMPLETE WEB SURVEY ONLINE: https://sed-ncses.org	
BAC	HELOR'S DEGREE LOOP ST	ARTS	
A15.	Please indicate the geographic Inside the United States or U.S. Outside of the United States	<b>location of the institution for your <u>bachelor's degree</u> in</b> [year awarded]. Territory	
A16.	Please type the institution name	e where you received your <u>bachelor's degree</u> in [year awarded].	
	Institution Name:		
	City/Town:		
	State/Foreign (non-U.S.) Country:		
A17.	What was the field of study for y Do not use acronyms or abbreviation	<b>rour <u>bachelor's degree</u> in</b> [year awarded] <b>?</b> ns.	
	Yes GO TO A20	o <mark>r for your bachelor's degree that you received in</mark> [year awarded] <b>?</b> Ajor field of study for your bachelor's degree in [year awarded] <b>?</b> 75.	
	Field Name		
BAC	HELOR'S DEGREE LOOP EN	DS	
MAS	TER'S DEGREE LOOP STAF	RTS	
A20.	Please indicate the geographic Inside the United States or U.S. Outside of the United States	<b>location of the institution for your <u>master's degree</u> in</b> [year awarded]. Territory	
A21.	Please type the institution name	e where you received your master's degree in [year awarded].	
	Institution Name:		
	City/Town:		
	State/Foreign (non-U.S.) Country:		
A22.	What was the field of study for y Do not use acronyms or abbreviation	<b>rour <u>master's degree</u> in</b> [year awarded] <b>?</b> ns.	

	Name

REFERENCE ONLY. COMPLETE WEB SURVEY ONLINE: https://sed-ncses.org
<ul> <li>A23. Which of the following best describes your master's degree in [year awarded]?</li> <li>This master's degree was required to enter or continue in my doctoral program</li> <li>This master's degree was not required and it did not fulfill any credits for my doctoral program</li> <li>This master's degree was not required, but it fulfilled credits for my doctoral program</li> <li>A24. About how many of the credits from your master's degree awarded in [year awarded] counted toward your doctoral degree?</li> <li>Select one.</li> <li>Some</li> <li>Most</li> <li>All</li> </ul>
MASTER'S DEGREE LOOP ENDS
SECOND RESEARCH DOCTORAL DEGREE LOOP STARTS
<ul> <li>A25. Please indicate the geographic location of the institution for your second doctoral degree in [year awarded].</li> <li>Inside the United States or U.S. Territory</li> <li>Outside of the United States</li> </ul>
A26. Please type the institution name where you received your second doctoral degree in [year awarded].
Institution Name:
City/Town:
State/Foreign (non-U.S.) Country:
<b>A27. What was the field of study for your <u>second doctoral degree</u> in [year awarded]? Do not use acronyms or abbreviations.</b>
Field Name
SECOND RESEARCH DOCTORAL DEGREE LOOP ENDS
PROFESSIONAL DOCTORAL DEGREE LOOP STARTS
PROFESSIONAL DEGREE LOUP STARTS
A28. Please indicate the type of professional doctoral degree you have earned in [year awarded].
MD
DDS
DVM
D

PsyD DDiv

A29	Please indicate the geographic	location of the institution from which you have earned your <u>professional doctoral degr</u>	ee in [vear
A20.	awarded].		<u>oo</u> in [your
	Inside the United States or U.S.	Territory	
	Outside of the United States		
A30.	Please type the institution name	e where you have earned your <u>professional doctoral degree</u> in [year awarded].	
	Institution Name:		
	City/Town:		
	State/Foreign (non-U.S.) Country:		
PRO	FESSIONAL DOCTORAL DEC	GREE LOOP ENDS	
OTH	ER POSTSECONDARY DEGR	REE LOOP STARTS	
A31.	Please indicate the geographic	location of the institution for your other postsecondary degree.	
	Inside the United States or U.S.	Territory	
	Outside of the United States		
A32.	Please type the institution name	e where you received your <u>other postsecondary degree</u> .	
	Institution Name:		
	City/Town:		
	State/Foreign (non-U.S.) Country:		
A33.	What was the field of study for y	our <u>other postsecondary degree</u> ?	
	Do not use acronyms or abbreviation	15.	
	Field Name		
OTH	ER POSTSECONDARY DEGR	REE LOOP ENDS	
0115			
CUR	RENT PROFESSIONAL DUC	TORAL DEGREE LOOP STARTS	
A34.	Please indicate the type of prof	essional doctoral degree you are currently earning.	
	MD		
	DDS		
	DVM JD		
	PsyD		
	DDiv		

Other professional doctoral degree - Specify:

#### A35. Please indicate the geographic location of the institution from which you expect to earn your professional doctoral degree.

- Inside the United States or U.S. Territory
- Outside of the United States

A36. Please type the institution name where you are earning your professional doctoral degree.

A37. When did you <u>start</u> the professional doctoral degree that you are currently earning and when is the degree <u>expected to be</u> <u>granted</u>?

Month/year degree <u>started</u> :	Month		Year
Month/year degree <u>expected</u> :	Month		Year

## **CURRENT PROFESSIONAL DOCTORAL DEGREE LOOP ENDS**

# **END OF EDUCATION HISTORY DEGREE LOOP**

# A38. Please indicate whether each of the following was a source of financial support for your educational and living expenses during graduate school.

Yes

No

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

Select	Yes	or	No	for	each.	

a.	Fellowship, scholarship	
b.	Dissertation grant	
C.	Teaching assistantship	
d.	Research assistantship	
e.	Other assistantship	
f.	Traineeship	
g.	Internship, clinical residency	
h.	Loans (from any source)	
i.	Personal savings	
j.	Personal earnings during graduate school (other than sources listed above)	
k.	Spouse's, partner's, or family's earnings or savings	
I.	Employer reimbursement/assistance	
m.	Foreign <i>(non-U.S.)</i> support	
n.	Other - <i>Specify:</i>	

#### A39. Based on the total amount of financial support provided, A40. When you receive your doctoral degree, how much money will which of sources from A38 were your primary and you owe that is directly related to your undergraduate and secondary source of support? graduate education? Enter *letters* of primary and secondary sources. Select one in each column. **UNDERGRADUATE** GRADUATE Primary source of support None None \$10,000 or less Secondary source of support Select if no secondary source \$10,000 or less \$10,001 - \$20,000 \$10,001 - \$20,000 \$20,001 - \$30,000 \$20,001 - \$30,000 \$30,001 - \$40,000 \$30,001 - \$40,000 \$40,001 - \$50,000 \$40,001 - \$50,000 \$50,001 - \$60,000 \$50,001 - \$60,000 \$60,001 - \$70,000 \$60,001 - \$70,000 \$70,001 - \$80,000 \$70,001 - \$80,000 \$80,001 - \$90,000 \$80,001 - \$90,000 \$90,001 or more - Specify: --\$90,001 - \$100,000 \$100,001 - \$120,000 \$ \$120,001 - \$140,000 \$140,001 - \$160,000 \$160,001 or more - Specify: -\$ Part B1 - POSTGRADUATION PLANS

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

501		
	Inside the United States or U.S. Territory	
	> State or U.S. Territory:	
	Outside the United States	
	at best describes the status of your postgraduate plans?	
Sel	lect one.	
1	I accepted or began a postdoc, residency, 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 10
2	I am returning to, or continuing in, predoctoral employment	C GO TO EMPLOYED OTHER THAN POSTDOC
3	I accepted or am employed in a position other than a postdoc or training position ————	CR TRAINING on PAGE 11
4	I am negotiating an offer of employment with one or more specific organizations	→ GO TO NEGOTIATING OR SEEKING on PAGE 13
5	I am seeking a position but currently have no offer of employment	
6	I am enrolling in a full-time degree program <i>(e.g., PhD, MD, DDS, JD, MBA)</i>	7
7	I do not plan to work or study <i>(e.g., family commitments)</i>	→ GO TO PART B2 on PAGE 13
8	Other - Specify:	

## **REFERENCE ONLY. COMPLETE WEB SURVEY ONLINE: https://sed-ncses.org**

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

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

Select one.



# B4. What type of employer will you be working for on your postdoc or other training?

Select one.

#### EDUCATION

U.S.	4-year	college o	r un	iversity	other	than	medica	I
	schoo	I						

- U.S. medical school *(including university-affiliated hospital or medical center)*
- U.S. university-affiliated research institute
- U.S. community or 2-year college
- U.S. preschool, elementary, middle, secondary school or school system
- Foreign (non-U.S.) educational institution

#### **GOVERNMENT** (other than educational institution)

- U.S. federal government
- U.S. state government
- U.S. local government
- Foreign (non-U.S.) government

# PRIVATE OR NONPROFIT SECTOR (other than educational institution)

Industry (for profit)

Nonprofit organization (including private foundation)

#### OTHER

Self-employed

Other - Specify: ----

B5. What is the name and location of the organization where you will work or train?

Please use the full organization name and avoid acronyms.

a. Organization Name:

## b. Geographic location:

Inside the United States or U.S. Territory
State or U.S. Territory:
Outside the United States
Foreign (non-U.S.) Country:
C. Is this a college or university?

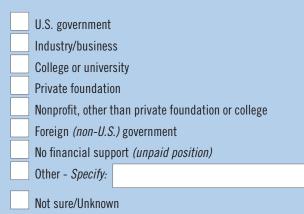
## B6. What will be your primary and secondary work activities?

Select one in each column.

E.	NIMAN	JECU	NUAR
Research and development			
Teaching	🛄		
Management or administration	🛄		
Professional services (such as health care, engineering, consulting counseling, financial, or legal services)			
Other - Specify:			
, 			
No secondary work activities			

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

Select one.



**B8.** What will be your basic annual salary for this postdoc or other training?

If you are not salaried, please estimate your earned income.

Annual Salary/Earned Income:

#### In which currency did you report your salary above?

U.S. Dollars
Another cur

other currency - *Specify:* 

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



B9. Is this salary based on a 12-month year or fewer than 12 months?

Include paid vacation and sick leave.

 12-month year			
Less than 12 months			

→ Number of months per year:

## GO TO PART B2 on PAGE 13

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

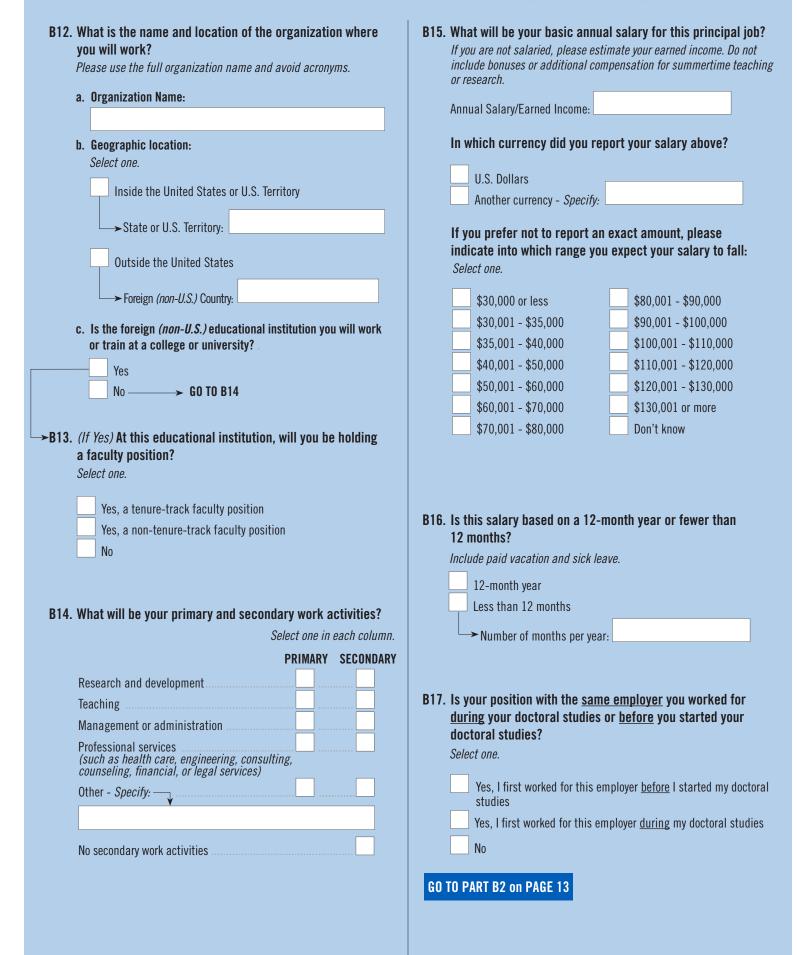
#### B10. Is your employment considered military service?

Yes
No

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

## EDUCATION

	U.S. 4-year college or university other than medical school
	U.S. medical school (including university-affiliated hospital
	or medical center)
	U.S. university-affiliated research institute
	U.S. community or 2-year college
	U.S. preschool, elementary, middle, secondary school or
	school system
	Foreign (non-U.S.) educational institution
	GOVERNMENT (other than educational institution)
	U.S. federal government
	U.S. state government
	U.S. local government
	Foreign (non-U.S.) government
	PRIVATE OR NONPROFIT SECTOR (other than educational institution)
	Industry <i>(for profit)</i>
	Nonprofit organization (including private foundation)
	OTHER
	Self-employed
	Other - <i>Specify:</i> —



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

<ul> <li>B18. What type of position(s) are you negotiating or seeking? Select one or more.</li> <li>A postdoc or other training position <ul> <li>(A "postdoc" is a temporary position primarily for gaining additional education and training in research, awarded in academe, industry, government, or a nonprofit organization.)</li> <li>Employment (other than a postdoc or training position)</li> <li>Other - Specify:</li> </ul> </li> </ul>	<ul> <li>B21. Of the employers you selected in B19, which ONE employer would be your top choice? Enter <u>letter</u> of top choice. </li> <li>Top Choice </li> <li>B22. What is your current employment status?</li></ul>
B19. What type of employer(s) are you negotiating with or seeking? Select one or more. a Educational institution b Government (other than educational institution) c Business/industry d Nonprofit organization (including private foundation) e Other - Specify:	<ul> <li>Please include part-time, full-time, and temporary positions.</li> <li>I am employed in a position related to my field of study</li> <li>I am employed in a position <u>not</u> related to my field of study</li> <li>I am not employed</li></ul>
Yes Yo <b>GO TO B22</b>	

# Part B2 - IMPACT OF COVID-19 PANDEMIC

The next questions focus on how the coronavirus pandemic may have affected your graduate experiences and career plans.

## B24. Did you experience any of the following as a result of the coronavirus pandemic?

Sele	ect Yes or No for each.	Yes	No
a.	The pandemic delayed the timeline for completing my doctoral degree.		
b.	The pandemic led to a reduction or suspension of funding for my doctoral studies.		
C.	The pandemic affected my research (e.g., limited access to resources or collaborators/advisers, changed research plan).		
d.	The pandemic changed my immediate postgraduate employment plans <i>(e.g., limited job opportunities, less-desirable employment, work visa status).</i>		
e.	The pandemic changed my longer-term career plans (e.g., pursuit of different type of job or employer).		
f.	The pandemic affected my plans about where to live in the year after graduation.		

## **B25.** (If B24.c = Yes) How was your research affected as a <u>result of the coronavirus pandemic</u>?

Sele	ct Yes or No for each.	Yes	No
a.	As a result of the pandemic, I had limited or no access to resources I needed ( <i>e.g., lab, data, hardware, software, archives, human subjects, collaborators, or advisers</i> ).		
b.	I had to make changes to my research plan (e.g., goals, topic, focus, approach, scope) as a result of the pandemic.		
C.	The pandemic disrupted my research in other ways. Please specify: —		

#### **B26.** (If B24.d = Yes) How did your immediate postgraduate employment plans change as a result of the coronavirus pandemic?

Sele	ct Yes or No for each.	Yes	No
a.	As a result of the pandemic, there were limited job opportunities in the employment I desire.		
b.	I had to accept a less-desirable job in terms of the type of position, employer, and/or location as a result of the pandemic.		
C.	The pandemic changed my immediate postgraduate employment plans in other ways. Please specify: —		

## **B27.** (If B24.e = Yes) How did your longer-term career plans change as a <u>result of the coronavirus pandemic</u>?

Sel	ect Yes or No for each.	Yes	No
а.	As a result of the pandemic, I plan to pursue my career with a different type of employer <i>(e.g., from academia to industry)</i> than I had considered before.		
b.	I plan to pursue my career in a different type of job or field than I had considered before as a result of the pandemic	;.	
C.	The pandemic opened new opportunities for my longer-term career plan in areas I had not considered before.		
d.	The pandemic changed my longer-term career plans in other ways. Please specify: —		

B28. Did the <u>coronavirus pandemic</u> change your graduate experience or career plans in any other ways?

Yes No

B29. In what other ways did your graduate experience or plans change as a <u>result of the coronavirus pandemic</u>?

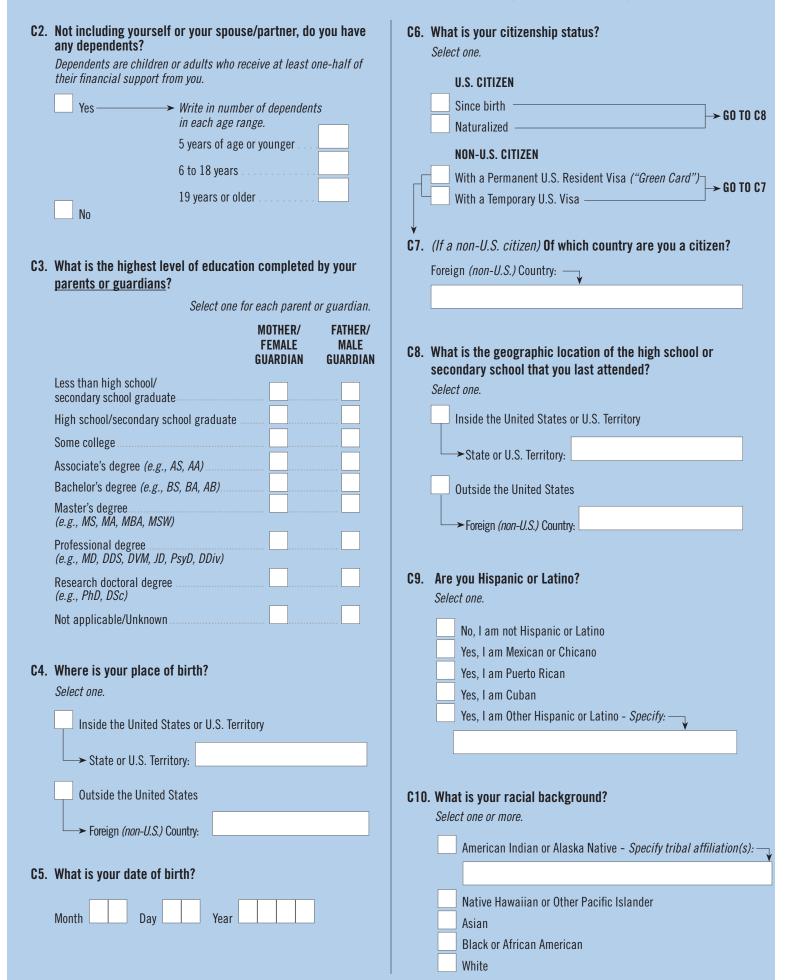
Specify:

# Part C - BACKGROUND INFORMATION

## C1. What is your current marital status?

Select one.

	Married
	Living in a marriage-like relationship
	Widowed
	Separated
	Divorced
	Novor married



# C11. 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...

Select one in each row.	NONE	SLIGHT	MODERATE	SEVERE	UNABLE TO DO
SEEING words or letters in ordinary newsprint (with glasses/contact lenses, if you usually wear them) HEARING what is normally said in conversation with another person (with hearing aid, if you usually wear one) WALKING without human or mechanical assistance					
or using stairs LIFTING or carrying something as heavy as 10 pounds, such as a bag of groceries CONCENTRATING, REMEMBERING, or MAKING DECISIONS because of a physical, mental, or emotional condition					
<ul> <li>C12. Mark this box (X) if you answered "NONE" to <u>all the activities</u> in Question C11, and go to Question C14.</li> <li>C13. What is the earliest age at which you <u>first began experiencing any difficulties in any</u> of these areas?</li> <li>Age OR Since birth</li> </ul>	C15	queer	oly.	ning, genderflu	id, or gender
Information you provide in the next three questions will be used only for research or statistical purposes and not released to individual institutions. Any information publicly released (such as statistical summaries) will be in aggregate format that will not personally identify you. The SED is asking these questions to provide more inclusive response options and to study the differences in doctorate recipients' educational and postgraduation outcomes by different demographic characteristics.	C16	C. Which of the fo yourself? Select one. C. Straight or Gay or lesbi	<b>llowing best repr</b> neterosexual	resents how y	ou think of
C14. What sex were you assigned at birth, on your original birth certificate? Male Female		I use a diff	erent term - <i>Specif</i> , to answer	V:	

C17. Please fill in the *last four* digits of your Social Security number.



REMINDER: ALL INFORMATION YOU PROVIDE WILL BE TREATED AS CONFIDENTIAL and 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.

C18. Please provide the best contact information where you can be reached for possible additional research follow-up.

Your Current Street Address

City/State/Country/ZIP or Postal Code

E-mail Address

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

**C19.** Please provide the name and contact information of a person who is likely to know where you can be reached. Do not include someone in your household.

As with all the information provided in this survey, complete confidentiality will be provided. This person will only be contacted if we have difficulty contacting you.

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

E-mail Address

Telephone Number (including area or country code)

Thank you for completing the survey. Please make any additional comments you may have about this survey in the space provided below.

The results of this survey will be published in an annual report; the annual reports on earlier surveys are available at <u>www.nsf.gov/statistics/sed</u>.

If you have questions or concerns about this survey, you may contact us by e-mail at: <u>sed@rti.org</u> or phone at: 1-877-256-8167.

For more information about the SED, go to: <u>www.sedsurvey.org</u>.

#### Comments about the survey:


## 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 18.

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

Best wishes,

Emilda B. Rivers Director National Center for Science and Engineering Statistics National Science Foundation

