

## Attachment D: DIS Pilot Study Two-Stage Dependent Interview (DI-2) Questionnaire

### Background

This document includes the Survey of Doctorate Recipients (SDR) DIS Pilot Study web instrument information for the two-stage dependent interviewing (DI-2) approach. As a general procedure within the DI instruments, respondents who are missing information for a given question from the prior cycle will receive the INDI version of that item, but stay within the DI instrument overall. For each DI item in the DI-2 instrument, the main difference from INDI is an additional instruction indicating the question displays their response from 201x, and a question asking whether this information is still correct as of the current reference date. If the information is correct, they continue to the next item. If it is incorrect, they are shown the INDI version of the question to answer about the current reference period. Specifically, rather than the independent interviewing approach in which the respondent is asked about the current reference period without acknowledgement of how they have answered the question in prior cycles, the two-stage DI-2 approach follows this format:

- The respondent is told that the information displayed on the screen shows the responses they provided in the 201x SDR for the particular item.
- On the same screen, the respondent is asked a yes/no question to indicate whether this information is still correct for the current reference period (September 1, 2020).
- If the displayed information has not changed and is still correct, the respondent is routed to the next question.
- If the displayed information is no longer correct, the respondent is routed to the INDI version of the particular question.
- If the respondent did not answer the question in 201x, they are sent to the INDI version of the particular question.

The table below lists the SDR items proposed for inclusion in the DIS Pilot Study. For each item, the table shows whether the instrument will use dependent interviewing approach, if the question is newly added for this test and the reason for including the item in the test.

In addition to the items listed below, the DIS Pilot Study instruments will also include the three initial screens from the SDR web instrument: Introduction, Survey Information Screen, and an Instruction screen. We have modified the introduction screen to inform respondents that this is a test of methods to streamline the collection of employment information in the SDR, but the other two screens will remain the same as in the 2019 SDR other than noting that the expected time to complete the DIS Pilot Study survey is 15 minutes.

Questionnaire Section	Uses DI approach (shows prefill info)	DIS Pilot Study specific?	Reason for inclusion in the DIS Pilot Study
V1	Yes (as used in SDR)		Sample person verification
V1a	Yes (as used in SDR)		Sample person verification

V2a	Yes (as used in SDR)		Sample person verification
V2a1	Yes (as used in SDR)		Sample person verification
V2b	Yes (as used in SDR)		Sample person verification
V2b1	Yes (as used in SDR)		Sample person verification
V2c	Yes (as used in SDR)		Sample person verification
V2c1	Yes (as used in SDR)		Sample person verification
V4	No		
SDR Item: A1	No		Collects working status; determines routing for subsequent questions
SDR Item: A9	Yes		Determines changes in employer; used for occupational coding
SDR Item: Reason – New	No	New for DIS Pilot Study	Determines routing for subsequent questions
SDR Item: When Leave – New	No	New for DIS Pilot Study	Determines when the employer change occurred and is input for calculating time in each employment state
SDR Item: A2	No		Establishes if those not working are still in labor force
SDR Item: A3	No		Modified questions from SDR – identifies reasons for not working; Captures impact of COVID on reasons for not working
SDR Item: A4	No		Existing question from SDR - identifies employment duration
SDR Item: A5	No		Needed for occupational coding of last job
SDR Item: A6	No		Needed for occupational coding of last job
SDR Item: A8	No		Existing question from SDR - identifies retirees who return to work
SDR Item: A8YY	No		Existing question from SDR - identifies date retirees return to work, when applicable
SDR Item: A10	Yes		Tests DI with a single-response item, with Other Specify field; used for occupational coding
SDR Item: A11	Yes		Tests DI with an open-text item, short response, employer

			specific; used for occupational coding
SDR Item: A12	Yes		Tests DI with a single-response item, no other specify; used for occupational coding
SDR Item: A14	Yes	Modified for DI approach	Tests DI with dichotomous response – INDI shows as yes/no format but modified in DI approach for clarity; used for occupational coding
SDR Item: A15	Yes		Tests DI with a single-response item, with Other Specify field
SDR Item: A16	Yes	Modified INDI approach - streamlines back-end processing	Tests DI with a grid-style yes/no question; Modified other specify response category in INDI version to explicitly show a category of “Not in an academic position” which SDR previously only offered in CATI; used for occupational coding
SDR Item: A17	Yes		Tests DI with a single-response item, with Other Specify field; used for occupational coding
SDR Item: A18	Yes		Tests DI with a single-response item; used for occupational coding
SDR Item: A19	Yes		Tests DI with an open-text item, short response, respondent specific; used for occupational coding
SDR Item: A20	Yes		Tests DI with an open-text item, complex response, respondent specific; used for occupational coding
SDR Item: A26	No		Existing question from SDR - identifies employment duration; used for occupational coding
SDR Item: A30	Yes		Tests DI with a grid-style yes/no question; used for occupational coding
SDR Item: A31a/b	No		Existing question from SDR - used for occupational coding
SDR Item: A32	Yes	Modified for DI approach	Tests DI with dichotomous response– INDI shows as yes/no format but modified in DI approach for clarity; used for occupational coding
SDR Item: A33	No		Existing question from SDR - used for occupational coding

SDR Item: A34	No		
SDR Item: A35	No		
SDR Item: A36	No		Existing question from SDR – used for occupational coding
SDR Item: SALDOLLAR	No		Existing question from SDR – used for occupational coding
SDR Item: A36b	No		Existing question from SDR – used for occupational coding
SDR Item: A36e	No	New for DIS Pilot Study	Captures impact of coronavirus on salary
SDR Item: A36f	No	New for DIS Pilot Study	Captures impact of coronavirus on salary
SDR Item: A37	No		Existing question from SDR – used for occupational coding
SDR Item: A38	No		Existing question from SDR – used for occupational coding
SDR Item: B1/B2	No		Modified question from SDR – used for occupational coding
SDR Item: B3	No		Modified question from SDR – Captures impact of COVID on reasons changing employer/job
SDR Item: E1	No		Existing question from SDR – demographic variable
SDR Item: E7	No		Existing question from SDR – demographic variable

## Introduction

Thank you for participating in this special study to support the **Survey of Doctorate Recipients (SDR)**, which is sponsored by the National Center for Science & Engineering Statistics (NCSES), a statistical agency within the National Science Foundation (NSF) and the National Institutes of Health (NIH).

Our records show that in 201x, you completed the SDR. This study is a follow-up to the 201x SDR to help us improve the way we ask questions about employment experience so that future cycles of SDR can reduce the burden on survey participants. Your participation is greatly appreciated.

## Survey Information

### Assurance of Confidentiality

- The information collected in the Survey of Doctorate Recipients (SDR) questionnaire is solicited under the authority of the National Science Foundation Act of 1950, as amended, and the Confidential Information Protection and Statistical Efficiency Act of 2002.
- These laws require that the survey sponsors (National Center for Science and Engineering Statistics within the National Science Foundation, and National Institutes of Health) treat all information you provide as confidential. The information you provide will be used only for

research and statistical purposes by the survey sponsors, their contractors, and collaborating researchers for the purpose of analyzing data and preparing scientific reports and articles. Any information publicly released (such as statistical summaries) will be in a form that does not personally identify you.

- Per the Federal Cybersecurity Enhancement Act of 2015, your data are protected from cybersecurity risks through screening of the Federal systems that transmit your data.
- The responses you provide today are being collected with software that is designed to secure your data and provide you with confidentiality. However, please be apprised that all Internet-based communication is subject to the remote likelihood of tampering from an outside source.

**OMB Control Number: xxxx-xxxx**

- OMB approval for this study expires on xx/xx/xxxx.
- An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB Control Number.

**Participation Information**

- The average time to complete this survey is about 15 minutes. Actual time may vary depending on your circumstances.
- Your response is voluntary and failure to provide some or all of the requested information will not in any way adversely affect you.
- If you have questions about the SDR study, please refer to our Frequently Asked Questions. If you have any further questions, please contact Westat toll-free within the U.S. at 1-855-460-5324, or 301-637-8195 outside of the U.S. You can also send an email to [sdr@westat.com](mailto:sdr@westat.com).

**Thank you for participating in the SDR!**

## **Instructions**

### **Navigation Instructions**

- Move forward or backward one question at a time by clicking on the Next or Previous buttons. (DO NOT use your browser's Back or Forward buttons.)

### **Suspending the Survey**

- If you need to exit the survey prior to completion, please click on the Save & Continue Later button at the bottom of any screen. All responses that you have provided to that point are securely stored, and you can resume the survey at your convenience.
- In order to resume your survey, you will need your PIN.
- If you exit the survey another way, for example by closing the browser window without clicking the Save & Continue Later button, all responses that you provided to that point are saved.

## Sample Person Verification

### V1 – current

Please answer these first few questions to help us verify that our records are correct.

Our records show that your name is:

{PERSPRFX} {PERSNAMF} {PERSMID} {PERSNAML} {PERSSUFX}

Is this correct?

Yes

No

### V1a – current

(IF NO) Please edit the information below as appropriate.

Title: {PERSPRFX}

First Name: {PERSNAMF}

Middle Name: {PERSMID}

Last Name: {PERSNAML}

Suffix: {PERSSUFX}

### V2a – current

Our records show that you received your doctorate from {PHDINSTNM}.

Is this correct?

Yes

No

### V2a1 – current

(IF NO) From which institution did you receive your doctorate?

Ph.D. INSTITUTION: \_\_\_\_\_

INSTITUTION CITY: \_\_\_\_\_

INSTITUTION STATE: \_ [DROPDOWN LIST OF STATES] \_

### V2b – current

Our records show that you received your doctorate in the field of {PHDFIELDV}.

{You have also described your field as {FIELDFIX\_LAST}.}

Is this correct?

Yes

No

**V2b1 – current**

(IF NO) What is the field in which you earned your doctorate?

\_\_\_\_\_

**V2c – current**

Our records show that you received your doctorate in {PHDCY}.

Is this correct?

Yes

No

**V2c1 – current**

(IF NO) In what month and year was your doctorate awarded to you?

MONTH: \_ [DROPDOWN LIST OF MONTHS] \_

YEAR: \_\_\_\_\_ (YYYY)

**V4 – current**

On {REFERENCE DATE}, were you living in the...

United States or Puerto Rico

Another U.S. territory

Another country

**SKIP BOX 1**

Update DOC\_CODE based on answers to v2a/inst\_chk, v2b/fieldchk, and v2c/date\_chk, where each match adds '1' to the value of the variable

AT LEAST 2 OF 3 Ph.D. PRELOADS MATCH (DOC\_CODE=2 or 3), then go to SDR A1.

Else, go to FINAL SCREEN (after RAS)

**Survey Items****SDR A1 - current**

Were you working for pay or profit during the week of {REFERENCE DATE}? *Working includes being self-employed and not getting paid that week, on a postdoctoral appointment, traveling while employed, or on any type of paid or unpaid leave, including vacation.*

Yes    SKIP TO SDR A8

No     GO TO WHEN LEAVE

Variable: WRKG

[SOFT ERROR MESSAGE: If no response given, display error message “It is very important that we get an answer to this question.

This information is used to determine the size of the doctoral workforce. Please answer to the best of your ability.”

If no response given, go to SDR CLOSE1.]

### **SDR CLOSE1 - Modified**

This is one of the few questions that are critical to this survey, and we cannot continue with questions about your current employment without your answer to this question. Would you please reconsider and answer the question as best as you can?

Click "Previous" to return to the question and provide an answer.

Click "Next" to continue.

Previous – go to SDR A1

Next – go to RAS section

### **SDR A8 - current**

Although you were working during the week of {REFERENCE DATE}, had you previously retired from any position?

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

Yes – go to SDR A8YY

No – go to INTRO1

### **SDR A8YY - current**

In what year did you previously retire?

YEAR: \_\_\_\_\_ (YYYY)

### **INTRO1**

The following questions ask about your principal employer during the week of [REFERENCE DATE]. For many of the questions, you will be shown the answers you provided in the 201x Survey of Doctorate Recipients and will be asked if the information shown is still correct as of (REFERENCE DATE).

### **SDR A9 - DI-2**

The information below displays the responses you provided in the 201x SDR about your principal employer.

Employer Name: [Employer Name from 201x SDR A9]

Department/Division: [Department/Division from 201x SDR A9]

City: [City from 201x SDR A9]

State: [State from 201x SDR A9]

ZIP code: [ZIP code from 201x SDR A9]

Country: {COUNTRY from 201x SDR}



Was all of this information still correct as of the week of [REFERENCE DATE]?  
Yes – Go to SDR A10 - DI-2.  
No – Go to Reason

### **Reason - New**

{IF SDR A9 DI-2=NO} Did the information about your principal employer change since 201x for any of the following reasons? (SELECT YES OR NO FOR EACH ITEM)

You still work for this employer, but...

You now work for a different department or division of this employer – Go to When Leave.

Your employer/division changed its name or location – Go to SDR A9.

Your 201x responses were incorrect –Go to SDR A9.

You no longer work for this employer – Go to When Leave

You are not currently employed – Go to When Leave

Some other reason \_\_\_\_\_ –Go to SDR A9.

### **When Leave - New**

When did you leave [Employer Name/Department name from 201x SDR A9]?

MM/YYYY

[IF WRKG/A1 = “You are not currently employed”, Go to A2. ELSE, go to A9 - current.]

### **SDR A2 - current**

[If no to SDR A1 or REASON= “You are not currently employed”] Did you look for work during the four weeks preceding {REFERENCE DATE}? This would be between {REFERENCE MONTH/DAY MINUS 28 days} and {REFERENCE MONTH/DAY}.

Yes

No

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. NSF uses this information to determine the unemployment rate of the doctoral population. Please answer as best as you can.”

If no response given, go to SDR CLOSE2.]

### **SDR CLOSE2 - Modified**

This is one of the few questions that are critical to this survey, and we cannot continue with questions about your current employment without your answer to this question. Would you please reconsider and answer the question as best as you can?

Click "Previous" to return to the question and provide an answer.

Click "Next" to continue.

Previous – go to SDR A2

Next – go to RAS section

### **SDR A3 - current**

What were your reasons for not working during the week of {REFERENCE DATE}?

Select Yes or No for each item.

A3\_1 Retired

A3\_2 On layoff from a job due to the coronavirus pandemic

A3\_3 On layoff from a job for reasons unrelated to the coronavirus pandemic

A3\_4 Student

A3\_5 Family responsibilities (e.g., childcare, eldercare), due to the coronavirus pandemic

A3\_6 Family responsibilities, for reasons unrelated to the coronavirus pandemic

A3\_7 Chronic illness or permanent disability

A3\_8 Suitable job not available

A3\_9 Did not need or want to work

A3\_10 Other reason (specify)

### **SDR A4 - current**

Prior to the week of {REFERENCE DATE}, when did you last work for pay or profit?

MM/YYYY

### **SDR A5 - current**

What was the title of the last job you held prior to the week of {REFERENCE DATE}?

*Example: Physics professor*

[Call the autocoding occupation dictionary and compare job title (A5) to list.

If there is a match, set job code to the autocode value and go to SDR A6 - current.

If there is no match, go to occupation coding module, then go to SDR A6 - current.]

### **SDR A6 - current**

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.*

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is used to determine the types of jobs held by the doctoral population and to study employment patterns. Please answer to the best of your ability.”

If no response given at A5, A6 and no job code, go to SDR CLOSE3. Else, go to E1.]

### **SDR CLOSE3 - Modified**

This is one of the few questions that are critical to this survey, and we cannot continue with questions about your current employment without your answer to this question. Would you please reconsider and answer the question as best as you can?

Click "Previous" to return to the question and provide an answer.

Click "Next" to continue.

Previous – go to SDR A6

Next – go to RAS section

### **SDR A9 - current**

Who was your principal employer during the week of {REFERENCE DATE}?

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

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

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

Employer Name:

Department or Division:

City/Town:

State:

Or {Country}:

ZIP/Postal Code:

### **SKIP LOGIC RULES FOR DI ITEMS:**

- IF REASON= “You no longer work for this employer” SKIP ALL DI QUESTIONS AND ONLY ASK INDI ITEMS
- IF 201x DATA IS MISSING FOR AN ITEM, SKIP TO INDI VERSION FOR THAT ITEM.
- FOR GRID-FORMAT DI ITEMS, IF AT LEAST ONE YES RESPONSE, FILL ALL BLANK RESPONSES FROM 201x AS “NO”.

### **SDR A10 - DI-2**

In your responses to the 201x SDR, you described your principal employer, as shown below.

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. federal government (e.g., civilian employee)

OTHER type of employee

10 In a non-U.S. government (at any level)

9 Other → specify

Was this information still correct as of the week of [REFERENCE DATE]?

Yes – Go to SDR A11 - DI

No – Go to SDR A10 - current

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is a key employment characteristic of the academic doctoral population in the United States. Please answer as best as you can.”]

### **SDR A10 – Current**

Which one of the following best describes your principal employer during the week of {REFERENCE DATE}? Were you...

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. federal government (e.g., civilian employee)
- OTHER type of employee
- 10 In a non-U.S. government (at any level)
- 9 Other (specify)

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is a key employment characteristic of the academic doctoral population in the United States. Please answer as best as you can.”]

### **SDR A11 - DI-2**

In your responses to the 201x SDR, you reported your employer’s main business or industry, as shown below.

[verbatim response from 201x SDR A11]

Was this information still correct as of the week of [REFERENCE DATE]?

Yes – Go to SDR A12-DI

No – Go to SDR A11

### **SDR A11 - current**

What was {that employer's/your} main business or industry - that is what did {that employer/your business} make or do?

*Please refer to your {principal employer/business} during the week of {REFERENCE DATE}.*

If {your principal employer/you} 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

MAIN BUSINESS: \_\_\_\_\_

### **SDR A12 - DI-2**

In your responses to the 201x SDR, you reported the number of people who worked for your employer, counting all locations where {this employer/your business} operated, as shown below.

- 10 or fewer employees
- 11-24 employees
- 25-99 employees
- 100-499 employees
- 500-999 employees
- 1,000-4,999 employees
- 5,000-24,999 employees
- 25,000 or more employees

Was this information still correct as of the week of [REFERENCE DATE]?

Yes – Go to SDR A14-DI

No – Go to SDR A12

### **SDR A12 - current**

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

*Select one answer.*

- 10 or fewer employees
- 11-24 employees
- 25-99 employees
- 100-499 employees
- 500-999 employees
- 1,000-4,999 employees
- 5,000-24,999 employees
- 25,000 or more employees

## **SDR A14 - DI-2**

In the 201x SDR, you were asked if your employer was an educational institution. Your answer is shown below.

Employer was an educational institution  
Employer was not an educational institution

Was this information still correct as of the week of [REFERENCE DATE]?

- Yes – If educational institution in 201x, go to A15-DI; If not educational institution in 201x, go to A19-DI
- No – If educational institution in 201x, go to A19-DI; If not educational institution in 201x, go to A15-DI

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is a key employment characteristic used to determine the sectors where the doctoral population is employed. Please answer as best as you can.”]

## **SDR A14 - current**

Was your {principal employer/business} an educational institution?

*Please refer to your {principal employer/business} during the week of {REFERENCE DATE}.*

Yes – Go to SDR A15-DI

No – Go to SDR A19-DI

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is a key employment characteristic used to determine the sectors where the doctoral population is employed. Please answer as best as you can.”]

## **SDR A15 - DI-2**

In your responses to the 201x SDR, you described the type of educational institution where you worked, as shown below.

Preschool, elementary, middle, or secondary school or system – Go to A19-DI  
Two-year college, community college, or technical institute  
Four-year college or university, other than a medical school  
Medical school (including university-affiliated hospital or medical center)  
University-affiliated research institute  
Other – specify

Was this information still correct as of the week of [REFERENCE DATE]?

Yes – Go to SDR A16-DI

No – Go to SDR A15

## **SDR A15 - current**

Was the educational institution where you worked a...

*Please refer to your {principal employer/business} during the week of {REFERENCE DATE}.*

Preschool, elementary, middle, or secondary school or system – Go to A19-DI  
Two-year college, community college, or technical institute  
Four-year college or university, other than a medical school  
Medical school (including university-affiliated hospital or medical center)  
University-affiliated research institute  
Other – specify

## **SDR A16 - DI-2**

In your responses to the 201x SDR, you reported that you held the following types of academic positions at this institution, as shown below.

[DISPLAY YES OR NO ANSWERS FROM 201x SDR IN GRID FORMAT]

A16\_1 President, Provost or Chancellor (any level)  
A16\_2 Dean (any level), department head or department chair  
A16\_3 Research faculty, scientist, associate or fellow  
A16\_4 Teaching faculty  
A16\_5 Adjunct faculty  
A16\_6 Postdoc (e.g., postdoctoral fellow or associate)  
A16\_7 Research assistant  
A16\_8 Teaching assistant  
A16\_9 Other position  
A16\_10 I was not in an academic position (ONLY DISPLAY THIS CATEGORY IF PRIOR CYCLE WAS CATI MODE)

Was this information still correct as of the week of [REFERENCE DATE]?

Yes – Go to SDR A17-DI

No – Go to SDR A16

### **SDR A16 - current**

During the week of {REFERENCE DATE}, what type of academic position(s) did you hold at this institution?

*Select Yes or No for each item.*

A16\_1 President, Provost or Chancellor (any level)

A16\_2 Dean (any level), department head or department chair

A16\_3 Research faculty, scientist, associate or fellow

A16\_4 Teaching faculty

A16\_5 Adjunct faculty

A16\_6 Postdoc (e.g., postdoctoral fellow or associate)

A16\_7 Research assistant

A16\_8 Teaching assistant

A16\_9 Other position (specify)

A16\_10 I was not in an academic position (**ONLY DISPLAY THIS CATEGORY IF PRIOR CYCLE WAS CATI MODE**)

### **SDR A17 - DI-2**

In your responses to the 201x SDR, you reported your faculty rank, as shown below.

Not applicable; no ranks designated at this institution

Not applicable; no ranks designated for my position

Professor

Associate Professor

Assistant Professor

Instructor

Lecturer

Other – Specify

Was this information still correct as of the week of [REFERENCE DATE]?

Yes – Go to SDR A18-DI

No – Go to SDR A17

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is a key employment characteristic of the academic doctoral population in the United States. Please answer as best as you can.”]



**SDR A17 - current**

What was your faculty rank?

*Please refer to your faculty rank during the week of {REFERENCE DATE}.*

Not applicable; no ranks designated at this institution

Not applicable; no ranks designated for my position

Professor

Associate Professor

Assistant Professor

Instructor

Lecturer

Other – Specify

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is a key employment characteristic of the academic doctoral population in the United States. Please answer as best as you can.”]

**SDR A18 - DI-2**

In your responses to the 201x SDR, you reported your tenure status, as shown below.

Not applicable; no tenure system at this institution

Not applicable; no tenure system for my position

Tenured

On tenure track but not tenured

Not on tenure track

Was this information still correct as of the week of [REFERENCE DATE]?

Yes – Go to SDR A19-DI

No – Go to SDR A18

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is a key employment characteristic of the academic doctoral population in the United States. Please answer as best as you can.”]

**SDR A18 - current**

What was your tenure status?

*Please refer to your tenure status during the week of {REFERENCE DATE}.*

*Select one answer.*

Not applicable; no tenure system at this institution

Not applicable; no tenure system for my position

Tenured

On tenure track but not tenured

Not on tenure track

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is a key employment characteristic of the academic doctoral population in the United States. Please answer as best as you can.”]

### **SDR A19 - DI-2**

In your responses to the 201x SDR, you reported the title of the principal job you held, as shown below.

[verbatim response from 201x SDR A19]

Was this information still correct as of the week of [REFERENCE DATE]?

Yes – Go to SDR A20-DI

No – Go to SDR A19

If Yes, assign job code to the job code on record.

### **SDR A19 - current**

What was the title of the principal job you held during the week of {REFERENCE DATE}?

*Example: Physics professor*

[Call the autocoding occupation dictionary and compare job title (A19) to list.

If there is a match, set job code to the autocode value and go to SDR A20-DI.

If there is no match, go to occupation coding module, then go to SDR A20-DI.]

### **SDR A20 - DI-2**

In your responses to the 201x SDR, you reported your duties and responsibilities on your principal job, as shown below.

[verbatim response from 201x SDR A20]

Was this information still correct as of the week of [REFERENCE DATE]??

Yes – Go to SDR A26

No – Go to SDR A20

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is used to determine the types of jobs held by the doctoral population and to study employment patterns. Please answer to the best of your ability.”]

If no response given at A19, A20 and no job code, go to SDR CLOSE4. Else, go to A26.]

### **SDR CLOSE4 - Modified**

This is one of the few questions that are critical to this survey, and we cannot continue with questions about your current employment without your answer to this question. Would you please reconsider and answer the question as best as you can?

Click "Previous" to return to the question and provide an answer.

Click "Next" to continue.  
Previous – go to SDR A20  
Next – go to RAS section

### **SDR A20 - current**

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 areas of specialization.

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

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is used to determine the types of jobs held by the doctoral population and to study employment patterns. Please answer to the best of your ability.”]

If no response given at A19, A20 and no job code, go to SDR CLOSE4. Else, go to A26.]

### **SDR CLOSE4 - Modified**

This is one of the few questions that are critical to this survey, and we cannot continue with questions about your current employment without your answer to this question. Would you please reconsider and answer the question as best as you can?

Click "Previous" to return to the question and provide an answer.

Click "Next" to continue.  
Previous – go to SDR A20  
Next – go to RAS section

### **SDR A26 - current**

During what month and year did you start this job (that is, the principal job you held during the week of {REFERENCE DATE})?

MM/YYYY

[SOFT ERROR MESSAGE: If no response given, display error message “It is critical that we get an answer to this question. This information is used to determine the employment changes in the doctoral population in the United States. Please answer the question as best as you can.”]

### **SDR A30 - DI-2**

In your responses to the 201x SDR, you reported the work activities that occupied at least 10 percent of your time in your principal job, as shown below.

[DISPLAY YES OR NO ANSWERS FROM 201x SDR IN GRID FORMAT]

A30_1	Accounting, finance, contracts
A30_2	Basic research - study directed toward gaining scientific knowledge primarily for its own sake
A30_3	Applied research - study directed toward gaining scientific knowledge to meet a recognized need

- A30\_4 Development - using knowledge gained from research for the production of materials, devices
- A30\_5 Design of equipment, processes, structures, models
- A30\_6 Computer programming, systems or applications development
- A30\_7 Human resources - including recruiting, personnel development, training
- A30\_8 Managing or supervising people or projects
- A30\_9 Production, operations, maintenance (e.g., chip production, operating lab equipment)
- A30\_10 Professional services (e.g., health care, counseling, financial services, legal services)
- A30\_11 Sales, purchasing, marketing, customer service, public relations
- A30\_12 Quality or productivity management
- A30\_13 Teaching
- A30\_14 Other activity

Was this information still correct as of the week of [REFERENCE DATE]?

Yes – Go to SDR A31

No – Go to SDR A30

[SOFT ERROR MESSAGE: If no response given, display error message “Your answers to these questions are important because it helps describe the kind of work you were doing.”]

### **SDR A30 - current**

The next question is about your work activities in 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?

*Please refer to your principal job held during the week of {REFERENCE DATE}.*

*Select Yes or No for each item.*

- A30\_1 Accounting, finance, contracts
- A30\_2 Basic research - study directed toward gaining scientific knowledge primarily for its own sake
- A30\_3 Applied research - study directed toward gaining scientific knowledge to meet a recognized need
- A30\_4 Development - using knowledge gained from research for the production of materials, devices
- A30\_5 Design of equipment, processes, structures, models
- A30\_6 Computer programming, systems or applications development
- A30\_7 Human resources - including recruiting, personnel development, training
- A30\_8 Managing or supervising people or projects
- A30\_9 Production, operations, maintenance (e.g., chip production, operating lab equipment)
- A30\_10 Professional services (e.g., health care, counseling, financial services, legal services)
- A30\_11 Sales, purchasing, marketing, customer service, public relations
- A30\_12 Quality or productivity management
- A30\_13 Teaching
- A30\_14 Other activity (specify)

[SOFT ERROR MESSAGE: If no response given, display error message “Your answers to these questions are important because it helps describe the kind of work you were doing.”]

**SDR A31 - current**

A31a: What was the activity on which you worked the most hours during a typical week on this job?  
*Please refer to the principal job you held during the week of {REFERENCE DATE}.*

A31b: What was the activity on which you worked the second most hours during a typical week on this job?  
*Please refer to the principal job you held during the week of {REFERENCE DATE}.*

**SDR A32 - DI-2**

In the 201x SDR, you were asked if you supervised the work of others as part of the principal job you held. *This includes recommending or initiating personnel actions such as hiring, firing, evaluating, or promoting others, not including students.* Your answer is shown below.

- You supervised others
- You did not supervise others

Was this information still correct as of the week of [REFERENCE DATE]?

- Yes – If supervised in 201x, go to A33; If did not supervise in 201x, go to A34
- No – If supervised in 201x, go to SDR A34; if did not supervise in 201x, go to SDR A33

**SDR A32 - current**

Did you supervise the work of others as part of the principal job you held during the week of {REFERENCE DATE}?

*Select 'Yes' if you recommended or initiated personnel actions such as hiring, firing, evaluating, or promoting others.*

*Teachers: Do not count students.*

- Yes – go to SDR A33 - current
- No – go to SDR A34 - current

**SDR A33 - current**

How many people did you typically...  
Supervise directly?  
Supervise indirectly through subordinate supervisors?

**SDR A34 - current**

Thinking about your principal job held during the week of {REFERENCE DATE}, please rate your satisfaction with that job's...

*Select one answer for each item.*

	Very satisfied	Somewhat satisfied	Somewhat dissatisfied	Very dissatisfied
Salary				
Benefits				

Job security				
Job location				
Opportunities for advancement				
Intellectual challenge				
Level of responsibility				
Degree of independence				
Contribution to society				

**SDR A35 - current**

How would you rate your overall satisfaction with the principal job you held during the week of {REFERENCE DATE}?

- Very satisfied
- Somewhat satisfied
- Somewhat dissatisfied
- Very dissatisfied

**SDR A36 - current**

As of the week of {REFERENCE DATE}, 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.*

*(Enter whole numbers only; do not enter commas.)*

ANNUAL SALARY/EARNED INCOME: {\$} \_\_\_\_\_ .00

**SDR SALDOLLAR - Current**

In which currency did you report your salary above?

- 1 U.S. dollars
- 2 Another currency – please specify: \_\_\_\_\_

**SDR A36b – current**

(IF NO RESPONSE TO A36) Salary information is important data used to study employment conditions of the doctoral workforce. If you would rather give your salary in ranges, please indicate whether your basic annual salary on your principal job as of the week of {REFERENCE DATE} was...

*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.*

- 1 Less than \$20,000
- 2 \$20,000 - \$34,999
- 3 \$35,000 - \$49,999
- 4 \$50,000 - \$64,999
- 5 \$65,000 - \$79,999
- 6 \$80,000 - \$99,999
- 7 \$100,000 - \$119,999
- 8 \$120,000 or more
- 9 BLANK

**SDR A36c - new**

For the principal job you held during the week of {REFERENCE DATE}, has your basic annual salary been affected at any time by the coronavirus pandemic?

Yes – go to SDR A36f

No – go to A37

**SDR A36f - new**

How has your basic annual salary been affected by the coronavirus pandemic?

*Select Yes or No for each item.*

- A36f\_1 It was decreased temporarily due to the coronavirus pandemic
- A36f\_2 It is currently decreased due to the coronavirus pandemic
- A36f\_3 It was increased temporarily due to the coronavirus pandemic
- A36f\_4 It is currently increased due to the coronavirus pandemic
- A36f\_5 It was impacted but has returned to normal
- A36f\_6 I did not receive an expected raise due to the coronavirus pandemic
- A36f\_7 I no longer have this job

**SDR A37 - current**

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

*Include paid vacation and sick leave.*

52-week year

Less than 52 weeks – Number of weeks per year: \_\_\_\_

**SDR A38 - current**

During a typical week on your principal job, how many hours did you work?

*Please refer to the principal job you held during the week of {REFERENCE DATE}.*

*Please round to the nearest whole hour.*

NUMBER OF HOURS WORKED PER WEEK: \_\_\_\_\_

### **SDR B1/B2 - Modified**

(IF R IS CURRENTLY WORKING) You reported that you were working for pay or profit during both of these time periods – the week of February 1, 201x, and the week of {REFERENCE DATE}.

During these two time periods – the week of February 1, 201x and the week of {REFERENCE DATE} – were you working for...

*Select one answer.*

Same employer and in same type of job – Go to SDR E1

Same employer but in different type of job – Go to SDR B3

Different employer but in same type of job – Go to SDR B3

Different employer and in different type of job- Go to SDR B3

### **SDR B3 - current**

Why did you change your {job/employer/employer and your job}?

*Please refer to your employment situations during the weeks of February 1, 201x and {REFERENCE DATE}.*

Select Yes or No for each item.

B3\_1 Pay, promotion opportunities

B3\_2 Working conditions (e.g., hours, equipment, working environment)

B3\_3 Job location

B3\_4 Change in career or professional interests

B3\_5 Family-related reasons due to the coronavirus pandemic (e.g., childcare, eldercare)

B3\_6 Family-related reasons unrelated to the coronavirus pandemic (e.g., children, spouse's job moved)

B3\_7 School-related reasons (e.g., returned to school, completed a degree)

B3\_8 Laid off or job terminated due to the coronavirus pandemic

B3\_9 Laid off or job terminated, for reasons unrelated to the coronavirus pandemic (includes company closings, mergers, buyouts, grant or contract ended)

B3\_10 Retired

B3\_11 Some other reason (specify)

### **SDR E1 - current**

On {REFERENCE DATE}, were you...

*Select one answer.*

Married

Living in a marriage-like relationship

Widowed

Separated

Divorced

Never married

### **SDR E7 - current**

On {REFERENCE DATE}, were you a...



U.S. citizen  
Non-U.S. citizen

Go to Response Analysis Survey.