# COUNCIL OF GRADUATE SCHOOLS
# UNDERSTANDING PHD CAREER PATHWAYS
# FOR PROGRAM IMPROVEMENT

# ALUMNI SURVEY: CODE BOOK

SECTION 1. SCREENING, INFORMATION ABOUT AN EARNED DOCTORATE

**Item 1**
Variable Code: QUAL
Description: Do you hold a PhD from **[INSTITUTION]**?

| Value | Value Label |
|-------|-------------|
| 1 | Yes |
| 0 | No |

**Item 2**
Variable Code: PROG
Description: What was the name of the PhD program in which you earned your PhD at **[INSTITUTION]** (e.g., Anthropology, English, Microbiology)?

| Value | Value Label |
|-------|-------------|
| 1 | Agriculture, Natural Resources, and Conservation |
| 2 | Biological and Biomedical Sciences |
| 3 | Chemistry |
| 4 | Computer and Information Sciences |
| 5 | Earth, Atmospheric, and Marine Sciences |
| 6 | Health and Medical Sciences |
| 7 | Mathematical Sciences |
| 8 | Physics and Astronomy |
| 9 | Natural Sciences, Other |
| 10 | Chemical Engineering |
| 11 | Civil Engineering |
| 12 | Computer, Electrical, and Electronics Engineering |
| 13 | Industrial Engineering |
| 14 | Materials Engineering |
| 15 | Mechanical Engineering |
| 16 | Engineering, Other |
| 17 | Anthropology and Archeology |
| 18 | Economics |
| 19 | Political Sciences |
| 20 | Psychology |
| 21 | Sociology |
| 22 | Social Sciences, Other |
| 23 | Arts-History, Theory, and Criticism |
| 24 | Arts-Performance and Studio |
| 25 | English Language and Literature |
| 26 | Foreign Language s and Literature |
| 27 | History |

| 28 | Philosophy |
|----|------------|
| 29 | Arts and Humanities, Other |
| 30 | Education Administration |
| 31 | Curriculum and Instruction |
| 32 | Early Childhood Education |
| 33 | Elementary Education |
| 34 | Educational Assessment, Evaluation, and Research |
| 35 | Higher Education |
| 36 | Secondary Education |
| 37 | Special Education |
| 38 | Student Counseling and Personnel Services |
| 39 | Education, Other |
| 40 | Accounting |
| 41 | Banking and Finance |
| 42 | Business Administration and Management |
| 43 | Business, Other |
| 44 | Architecture and Environmental Design |
| 45 | Communications and Journalism |
| 46 | Family and Consumer Sciences |
| 47 | Library and Archival Studies |
| 48 | Public Administration |
| 49 | Religion and Theology |
| 50 | Social Work |
| 99 | Other Fields |

## Item 3.1

Variable Code: START1

Description: In what month and year did you begin your PhD in [PROG] at [INSTITUTION]? – Month.

| Value | Value Label |
|-------|-------------|
| 1 | January |
| 2 | February |
| 3 | March |
| 4 | April |
| 5 | May |
| 6 | June |
| 7 | July |
| 8 | August |
| 9 | September |
| 10 | October |
| 11 | November |
| 12 | December |

| -99 | Missing |
|------|---------|

## Item 3.2

Variable Code: START2

Description: In what month and year did you begin your PhD in **[PROG]** at **[INSTITUTION]**? – Year.

| Value | Value Label |
|---------|-------------|
| Numeric | Year |
| -99 | Missing |

## Item 4.1

Variable Code: COMP1

Description: In what month and year was your PhD in **[PROG]** at **[INSTITUTION]**? – Month.

| Value | Value Label |
|-------|-------------|
| 1 | January |
| 2 | February |
| 3 | March |
| 4 | April |
| 5 | May |
| 6 | June |
| 7 | July |
| 8 | August |
| 9 | September |
| 10 | October |
| 11 | November |
| 12 | December |
| -99 | Missing |

## Item 4.2

Variable Code: COMP2

Description: In what month and year was your PhD in **[PROG]** at **[INSTITUTION]**? – Year.

| Value | Value Label |
|---------|-------------|
| Numeric | Year |
| -99 | Missing |

SECTION 2. CURRENT EMPLOYMENT STATUS & PRIMARY JOB

**Item 5**
Variable Code: EMPST
Description: Were you working for pay or profit during the week of October 1 of this year?

| Value | Value Label |
|-------|-------------|
| 1 | Yes |
| 0 | No |
| -99 | Missing |

**Item 6**
Variable Code: PEMREL
Description: How closely is this job related to the PhD you earned in **[PROG]** from **[INSTITUTION]**?

| Value | Value Label |
|-------|-------------|
| 1 | Closely related |
| 2 | Somewhat related |
| 3 | Not at all related |
| -99 | Missing |

**Item 7.1**
Variable Code: NRELRES1
Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Pay.

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

**Item 7.2**
Variable Code: NRELRES2
Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Promotion opportunities.

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |

| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 7.3

Variable Code: NRELRES3

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from [INSTITUTION]? – Working conditions (e.g., hours, equipment, working environment).

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 7.4

Variable Code: NRELRES4

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from [INSTITUTION]? – Job location.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 7.5

Variable Code: NRELRES5

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from [INSTITUTION]? – Change in career.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |

| -99 | Missing |
|---|---|

## Item 7.6
Variable Code: NRELRES6
Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Professional interests.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

## Item 7.7
Variable Code: NRELRES7
Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Family-related reasons (e.g., children, spouse's employment).

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

## Item 7.8
Variable Code: NRELRES8
Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Job in doctoral degree field not available.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 7.9.1
Variable Code: NRELRES9
Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Some other reason (please specify).

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 7.9.2
Variable Code: NRELRES_OT
Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Some other reason (please specify).

| Value | Value Label |
|-------|-------------|
| Text | Some other reason (please specify) |
| -99 | Missing |

### Item 8
Variable Code: PEMHR
Description: During a typical week at this position, how many hours did you work?

| Value | Value Label |
|-------|-------------|
| Numeric | Number of hours |
| -99 | Missing |

### Item 9
Variable Code: PEMPARR
Description: Which one of the following best describes your employment arrangement for this job?

| Value | Value Label |
|-------|-------------|
| 1 | Regular employment |
| 2 | Temporary/Project-based employment |
| 3 | Temporary/Fixed-term employment |
| 4 | Tenure-track/-eligible |
| 5 | Tenured |
| 6 | Self-employment |

| -99 | Missing |
|-----|---------|

## Item 10
Variable Code: PEMSEC
Description: Which one of the following best describes the sector of your employer for this job?

| Value | Value Label |
|-------|-------------|
| 1 | Research university |
| 2 | Master's/Regional university |
| 3 | Liberal arts college |
| 4 | Community or two-year college |
| 5 | College or University system |
| 6 | Preschool, elementary, middle, secondary school or school system |
| 7 | US federal government (including military) |
| 8 | US state or local government |
| 9 | Non-US government |
| 10 | Not-for-profit organization or NGO |
| 11 | Business/For-profit company |
| -99 | Missing |

## Item 11
Variable Code: PEMPSE
Description: Which of the following best describes this job?

| Value | Value Label |
|-------|-------------|
| 1 | Administrator |
| 2 | Faculty member |
| 3 | Non-faculty researcher |
| 4 | Postdoctoral researcher/associate |
| 5 | Other staff position |
| -99 | Missing |

## Item 12
Variable Code: PEMEDU
Description: Which of the following best describes this job?

| Value | Value Label |
|-------|-------------|
| 1 | Administrator |
| 2 | Classroom teacher |
| 3 | Other staff position |
| -99 | Missing |

**Item 13**
Variable Code: PEMGOV
Description: Which of the following best described this job?

| Value | Value Label |
| --- | --- |
| 1 | Civilian, career or contract |
| 2 | Civilian, political appointee or elected official |
| 3 | Military, non-civilian |
| -99 | Missing |

**Item 14.1**
Variable Code: PEMSTART1
Description: In what month and year did you start this job? – Month.

| Value | Value Label |
| --- | --- |
| 1 | January |
| 2 | February |
| 3 | March |
| 4 | April |
| 5 | May |
| 6 | June |
| 7 | July |
| 8 | August |
| 9 | September |
| 10 | October |
| 11 | November |
| 12 | December |
| -99 | Missing |

**Item 14.2**
Variable Code: PEMSTART2
Description: In what month and year did you start this job? – Year.

| Value | Value Label |
| --- | --- |
| Numeric | Year |
| -99 | Missing |

**Item 15**
Variable Code: PEMTITLE
Description: What is your job title for this position?

| Value | Value Label |
| --- | --- |
| Text | What is your job title for this position? |
| -99 | Missing |

**Item 16.1.1**
Variable Code: PEMACT1
Description: In this job, what are your primary and secondary work activities? – Primary.

| Value | Value Label |
|-------|-------------|
| 1 | Basic research – study directed toward gaining knowledge primarily for its own sake |
| 2 | Applied research – study directed toward gaining knowledge to meet a recognized need |
| 3 | Development – using knowledge gained from research for the production of materials, devices |
| 4 | Managing or supervising people or projects |
| 5 | Professional services (e.g., health care, counseling, student affairs & advising, financial services, legal services) |
| 6 | Teaching |
| 7 | Other (please specify) |
| -99 | Missing |

### ###ALTERNATIVE CODING FOR ITEM 16.1.1###

**Item 16.1.1a**
Variable Code: PEMACT1a
Description: In this job, what are your primary work activity? – Basic research – study directed toward gaining knowledge primarily for its own sake.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 16.1.1b**
Variable Code: PEMACT1b
Description: In this job, what are your primary work activity? – Applied research – study directed toward gaining knowledge to meet a recognized need.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 16.1.1c**
Variable Code: PEMACT1c
Description: In this job, what are your primary work activity? – Development – using knowledge gained from research for the production of materials, devices.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

## Item 16.1.1d
Variable Code: PEMACT1d
Description: In this job, what are your primary work activity? – Managing or supervising people or projects.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

## Item 16.1.1e
Variable Code: PEMACT1e
Description: In this job, what are your primary work activity? – Professional services (e.g., health care, counseling, student affairs & advising, financial services, legal services).

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

## Item 16.1.1f
Variable Code: PEMACT1f
Description: In this job, what are your primary work activity? – Teaching.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

## ###

## Item 16.1.2
Variable Code: PEMACT1_OT
Description: In this job, what are your primary and secondary work activities? – Primary.

| Value | Value Label |
|-------|-------------|
| Text | Other (please specify) |
| -99 | Missing |

## Item 16.2.1
Variable Code: PEMACT2
Description: In this job, what are your primary and secondary work activities? – Secondary.

| Value | Value Label |
|-------|-------------|
| 1 | Basic research – study directed toward gaining knowledge primarily for its own sake |
| 2 | Applied research – study directed toward gaining knowledge to meet a recognized need |
| 3 | Development – using knowledge gained from research for the production of materials, devices |
| 4 | Managing or supervising people or projects |
| 5 | Professional services (e.g., health care, counseling, student affairs & advising, financial services, legal services) |
| 6 | Teaching |
| 7 | Other (please specify) |
| -99 | Missing |

### ###ALTERNATIVE CODING FOR ITEM 16.2.1###

**Item 16.2.1a**
Variable Code: PEMACT2a
Description: In this job, what are your secondary work activity? – Basic research – study directed toward gaining knowledge primarily for its own sake.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 16.2.1b**
Variable Code: PEMACT2b
Description: In this job, what are your secondary work activity? – Applied research – study directed toward gaining knowledge to meet a recognized need.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 16.2.1c**
Variable Code: PEMACT2c
Description: In this job, what are your secondary work activity? – Development – using knowledge gained from research for the production of materials, devices.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 16.2.1d**

Variable Code: PEMACT2d
Description: In this job, what are your secondary work activity? – Managing or supervising people or projects.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

### Item 16.2.1e
Variable Code: PEMACT2e
Description: In this job, what are your secondary work activity? – Professional services (e.g., health care, counseling, student affairs & advising, financial services, legal services).

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

### Item 16.2.1f
Variable Code: PEMACT2f
Description: In this job, what are your secondary work activity? – Teaching.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

### ###

### Item 16.2.2
Variable Code: PEMACT2_OT
Description: In this job, what are your primary and secondary work activities? – Secondary.

| Value | Value Label |
|-------|-------------|
| Text | Other (please specify) |
| -99 | Missing |

### Item 17.1
Variable Code: PEMATT1
Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Persistence.

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |

| 4 | Somewhat Important |
|---|---|
| 5 | Not Important |
| -99 | Missing |

### Item 17.2

Variable Code: PEMATT2

Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Initiative.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.3

Variable Code: PEMATT3

Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Self-control.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.4

Variable Code: PEMATT4

Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Attention to detail.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.5

Variable Code: PEMATT5
Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Achievement/effort.

| Value | Value Label |
| --- | --- |
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.6
Variable Code: PEMATT6
Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Analytical thinking.

| Value | Value Label |
| --- | --- |
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.7
Variable Code: PEMATT7
Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Independence.

| Value | Value Label |
| --- | --- |
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.8
Variable Code: PEMATT8
Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Innovation.

| Value | Value Label |
| --- | --- |

| 1 | Extremely Important |
|---|---|
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.9
Variable Code: PEMATT9
Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Stress tolerance.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.10
Variable Code: PEMATT10
Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Adaptability/flexibility.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.11
Variable Code: PEMATT11
Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Dependability.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |

| 5 | Not Important |
|---|---|
| -99 | Missing |

### Item 17.12

Variable Code: PEMATT12

Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Integrity.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.13

Variable Code: PEMATT13

Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Leadership.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.14

Variable Code: PEMATT14

Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Cooperation.

| Value | Value Label |
|---|---|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.15

Variable Code: PEMATT15

Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Concern for others.

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 17.16
Variable Code: PEMATT16
Description: How important are each of the following attributes/skills in successfully performing your work in this job? – Social orientation.

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 18
Variable Code: PEMPREP
Description: How well did your PhD in **[PROG]** from **[INSTITUTION]** prepare you for this job?

| Value | Value Label |
|-------|-------------|
| 1 | Extremely well |
| 2 | Very well |
| 3 | Well |
| 4 | Fairly well |
| 5 | Poorly |
| -99 | Missing |

### Item 19
Variable Code: EMPCOUNT
Description: How many other jobs did you have during the week of October 1 of this year?

| Value | Value Label |
|-------|-------------|
| Numeric | How many other jobs did you have during the week of October 1 of this year? |

| -99 | Missing |
|-----|---------|

### Item 20.1
Variable Code: UNEMPRES1
Description: What were your reasons for not working during the week of October 1 of this year? (Select all that apply.) – Retired.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

### Item 20.2
Variable Code: UNEMPRES2
Description: What were your reasons for not working during the week of October 1 of this year? (Select all that apply.) – On layoff/Terminated from a job.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

### Item 20.3
Variable Code: UNEMPRES3
Description: What were your reasons for not working during the week of October 1 of this year? (Select all that apply.) – Student.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

### Item 20.4
Variable Code: UNEMPRES4
Description: What were your reasons for not working during the week of October 1 of this year? (Select all that apply.) – Family responsibilities.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

### Item 20.5
Variable Code: UNEMPRES5
Description: What were your reasons for not working during the week of October 1 of this year? (Select all that apply.) – Chronic illness or permanent disability.

| Value | Value Label |
|-------|-------------|

| 1 | Selected |
|---|---|
| 0 | Not Selected |

### Item 20.6

Variable Code: UNEMPRES6
Description: What were your reasons for not working during the week of October 1 of this year? (Select all that apply.) – Suitable job not available.

| Value | Value Label |
|---|---|
| 1 | Selected |
| 0 | Not Selected |

### Item 20.7

Variable Code: UNEMPRES7
Description: What were your reasons for not working during the week of October 1 of this year? (Select all that apply.) – Did not need or want to work.

| Value | Value Label |
|---|---|
| 1 | Selected |
| 0 | Not Selected |

### Item 20.8

Variable Code: UNEMPRES8
Description: What were your reasons for not working during the week of October 1 of this year? (Select all that apply.) – Other (please specify).

| Value | Value Label |
|---|---|
| 1 | Selected |
| 0 | Not Selected |

### Item 20.9

Variable Code: UNEMPRES_OT
Description: What were your reasons for not working during the week of October 1 of this year? (Select all that apply.) – Other (please specify).

| Value | Value Label |
|---|---|
| Text | Other (please specify) |
| -99 | Missing |

SECTION 3. OTHER CURRENT JOBS (LOOP)
**\*\*Insert numeric after "_" to indicate loops to which the responses belong. (e.g., for the 1st loop, variable codes should be OTHER_1, OTEMPARR_1, etc.)\*\***

**Item 21**
Variable Code: OTHER_
Description: During a typical week at this position, how many hours did you work?

| Value | Value Label |
|---------|-------------|
| Numeric | Year |
| -99 | Missing |

**Item 22**
Variable Code: OTEMPARR_
Description: Which one of the following best describes your employment arrangement for this job?

| Value | Value Label |
|-------|-------------|
| 1 | Regular employment |
| 2 | Temporary/Project-based employment |
| 3 | Temporary/Fixed-term employment |
| 4 | Tenure-track/-eligible |
| 5 | Tenured |
| 6 | Self-employment |
| -99 | Missing |

**Item 23**
Variable Code: OTESEC_
Description: Which one of the following best describes the sector of your employer for this job?

| Value | Value Label |
|-------|-------------|
| 1 | Research university |
| 2 | Master's/Regional university |
| 3 | Liberal arts college |
| 4 | Community or two-year college |
| 5 | College or University system |
| 6 | Preschool, elementary, middle, secondary school or school system |
| 7 | US federal government (including military) |
| 8 | US state or local government |
| 9 | Non-US government |
| 10 | Not-for-profit organization or NGO |
| 11 | Business/For-profit company |
| -99 | Missing |

**Item 24**
Variable Code: OTEPSE_
Description: Which of the following best describes this job?

| Value | Value Label |
|-------|-------------|
| 1 | Administrator |
| 2 | Faculty member |
| 3 | Non-faculty researcher |
| 4 | Postdoctoral researcher/associate |
| 5 | Other staff position |
| -99 | Missing |

**Item 25**
Variable Code: OTEEDU_
Description: Which of the following best describes this job?

| Value | Value Label |
|-------|-------------|
| 1 | Administrator |
| 2 | Classroom teacher |
| 3 | Other staff position |
| -99 | Missing |

**Item 26**
Variable Code: OTEGOV_
Description: Which of the following best describes this job?

| Value | Value Label |
|-------|-------------|
| 1 | Civilian, career or contract |
| 2 | Civilian, political appointee or elected official |
| 3 | Military, non-civilian |
| -99 | Missing |

**Item 27.1**
Variable Code: OTESTART1_
Description: In what month and year did you start this job? – Month.

| Value | Value Label |
|-------|-------------|
| 1 | January |
| 2 | February |
| 3 | March |
| 4 | April |
| 5 | May |
| 6 | June |

| 7 | July |
| 8 | August |
| 9 | September |
| 10 | October |
| 11 | November |
| 12 | December |
| -99 | Missing |

## Item 27.2
Variable Code: OTESTART2_
Description: In what month and year did you start this job? – Year.

| Value | Value Label |
| --- | --- |
| Numeric | Year |
| -99 | Missing |

## Item 28
Variable Code: OTETITLE_
Description: What is your job title for this position?

| Value | Value Label |
| --- | --- |
| Text | What is your job title for this position? |
| -99 | Missing |

SECTION 4. IMMEDIATE PRIOR PRIMARY OCCUPATION

## Items 29.0 +29.1.0
Variable Code: PWORK
Description: Have you ever worked for pay prior to your principal employment as of October 1 of this year or any job?

| Value | Value Label |
| --- | --- |
| 1 | Yes |
| 0 | No |
| -99 | Missing |

## Items 29 + 29.1
Variable Code: LPEMREL
Description: How closely is this job related to the PhD you earned in **[PROG]** from **[INSTITUTION]**?

| Value | Value Label |
|-------|-------------|
| 1 | Closely related |
| 2 | Somewhat related |
| 3 | Not at all related |
| -99 | Missing |

**Item 30.1**

Variable Code: LNRELRES1

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Pay.

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

**Item 30.2**

Variable Code: LNRELRES2

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Promotion opportunities.

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

**Item 30.3**

Variable Code: LNRELRES3

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Working conditions (e.g., hours, equipment, working environment).

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |

| 5 | Not Important |
| -99 | Missing |

### Item 30.4

Variable Code: LNRELRES4

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Job location.

| Value | Value Label |
| --- | --- |
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 30.5

Variable Code: LNRELRES5

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Change in career.

| Value | Value Label |
| --- | --- |
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

### Item 30.6

Variable Code: LNRELRES6

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Professional interests.

| Value | Value Label |
| --- | --- |
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

**Item 30.7**

Variable Code: LNRELRES7

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Family-related reasons (e.g., children, spouse's employment).

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

**Item 30.8**

Variable Code: LNRELRES8

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Job in doctoral degree field not available.

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

**Item 30.9.1**

Variable Code: LNRELRES9

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Some other reason (please specify).

| Value | Value Label |
|-------|-------------|
| 1 | Extremely Important |
| 2 | Very Important |
| 3 | Important |
| 4 | Somewhat Important |
| 5 | Not Important |
| -99 | Missing |

**Item 30.9.2**

Variable Code: LNRELRES_OT

Description: How important were the following factors in making a decision to work in a job not closely related to the field of your first PhD from **[INSTITUTION]**? – Some other reason (please specify).

| Value | Value Label |
|-------|-------------|
| Text | Some other reason (please specify) |
| -99 | Missing |

**Item 31**
Variable Code: LPEMHR
Description: During a typical week at this position, how many hours did you work?

| Value | Value Label |
|-------|-------------|
| Text | Year |
| -99 | Missing |

**Item 32**
Variable Code: LPEMPARR
Description: Which one of the following best describes your employment arrangement for this job?

| Value | Value Label |
|-------|-------------|
| 1 | Regular employment |
| 2 | Temporary/Project-based employment |
| 3 | Temporary/Fixed-term employment |
| 4 | Tenure-track/-eligible |
| 5 | Tenured |
| 6 | Self-employment |
| -99 | Missing |

**Item 33**
Variable Code: LPEMSEC
Description: Which one of the following best describes the sector of your employer for this job?

| Value | Value Label |
|-------|-------------|
| 1 | Research university |
| 2 | Master's/Regional university |
| 3 | Liberal arts college |
| 4 | Community or two-year college |
| 5 | College or University system |
| 6 | Preschool, elementary, middle, secondary school or school system |
| 7 | US federal government (including military) |
| 8 | US state or local government |

| 9 | Non-US government |
| 10 | Not-for-profit organization or NGO |
| 11 | Business/For-profit company |
| -99 | Missing |

## Item 34

Variable Code: LPEMPSE
Description: Which of the following best describes this job?

| Value | Value Label |
|---|---|
| 1 | Administrator |
| 2 | Faculty member |
| 3 | Non-faculty researcher |
| 4 | Postdoctoral researcher/associate |
| 5 | Other staff position |
| -99 | Missing |

## Item 35

Variable Code: LPEMEDU
Description: Which of the following best describes this job?

| Value | Value Label |
|---|---|
| 1 | Administrator |
| 2 | Classroom teacher |
| 3 | Other staff position |
| -99 | Missing |

## Item 36

Variable Code: LPEMGOV
Description: Which of the following best describes this job?

| Value | Value Label |
|---|---|
| 1 | Civilian, career or contract |
| 2 | Civilian, political appointee or elected official |
| 3 | Military, non-civilian |
| -99 | Missing |

## Item 37.1

Variable Code: LPEMSTART1
Description: In what month and year did you start this job? – Month.

| Value | Value Label |
|---|---|
| 1 | January |
| 2 | February |

| 3 | March |
|---|---|
| 4 | April |
| 5 | May |
| 6 | June |
| 7 | July |
| 8 | August |
| 9 | September |
| 10 | October |
| 11 | November |
| 12 | December |
| -99 | Missing |

### Item 37.2
Variable Code: LPEMSTART2
Description: In what month and year did you start this job? – Year.

| Value | Value Label |
|---|---|
| Numeric | Year |
| -99 | Missing |

### Item 38
Variable Code: LPEMTITLE
Description: What is your job title for this position?

| Value | Value Label |
|---|---|
| Text | What is your job title for this position? |
| -99 | Missing |

### Item 39.1.1
Variable Code: LPEMACT1
Description: In this job, what are your primary and secondary work activities? – Primary.

| Value | Value Label |
|---|---|
| 1 | Basic research – study directed toward gaining knowledge primarily for its own sake |
| 2 | Applied research – study directed toward gaining knowledge to meet a recognized need |
| 3 | Development – using knowledge gained from research for the production of materials, devices |
| 4 | Managing or supervising people or projects |
| 5 | Professional services (e.g., health care, counseling, student affairs & advising, financial services, legal services) |
| 6 | Teaching |
| 7 | Other (please specify) |

| -99 | Missing |

## ###ALTERNATIVE CODING FOR ITEM 39.1.1###

**Item 39.1.1a**
Variable Code: LPEMACT1a
Description: In this job, what are your primary work activity? – Basic research – study directed toward gaining knowledge primarily for its own sake.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 39.1.1b**
Variable Code: LPEMACT1b
Description: In this job, what are your primary work activity? – Applied research – study directed toward gaining knowledge to meet a recognized need.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 39.1.1c**
Variable Code: LPEMACT1c
Description: In this job, what are your primary work activity? – Development – using knowledge gained from research for the production of materials, devices.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 39.1.1d**
Variable Code: LPEMACT1d
Description: In this job, what are your primary work activity? – Managing or supervising people or projects.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 39.1.1e**
Variable Code: LPEMACT1e
Description: In this job, what are your primary work activity? – Professional services (e.g., health care, counseling, student affairs & advising, financial services, legal services).

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 39.1.1f**
Variable Code: LPEMACT1f
Description: In this job, what are your primary work activity? – Teaching.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

###

**Item 39.1.2**
Variable Code: LPEMACT1_OT
Description: In this job, what are your primary and secondary work activities? – Primary.

| Value | Value Label |
|-------|-------------|
| Text | Other (please specify) |
| -99 | Missing |

**Item 39.2.1**
Variable Code: LPEMACT2
Description: In this job, what are your primary and secondary work activities? – Secondary.

| Value | Value Label |
|-------|-------------|
| 1 | Basic research – study directed toward gaining knowledge primarily for its own sake |
| 2 | Applied research – study directed toward gaining knowledge to meet a recognized need |
| 3 | Development – using knowledge gained from research for the production of materials, devices |
| 4 | Managing or supervising people or projects |
| 5 | Professional services (e.g., health care, counseling, student affairs & advising, financial services, legal services) |
| 6 | Teaching |
| 7 | Other (please specify) |
| -99 | Missing |

**###ALTERNATIVE CODING FOR ITEM 39.2.1###**
**Respondents did not report their experiences for more than two jobs. As such, data for third and fourth positions were not included in the dataset.**

**Item 39.2.1a**
Variable Code: LPEMACT2a
Description: In this job, what are your secondary work activity? – Basic research – study directed toward gaining knowledge primarily for its own sake.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 39.2.1b**
Variable Code: LPEMACT2b
Description: In this job, what are your secondary work activity? – Applied research – study directed toward gaining knowledge to meet a recognized need.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 39.2.1c**
Variable Code: LPEMACT2c
Description: In this job, what are your secondary work activity? – Development – using knowledge gained from research for the production of materials, devices.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 39.2.1d**
Variable Code: LPEMACT2d
Description: In this job, what are your secondary work activity? – Managing or supervising people or projects.

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 39.2.1e**
Variable Code: LPEMACT2e
Description: In this job, what are your secondary work activity? – Professional services (e.g., health care, counseling, student affairs & advising, financial services, legal services).

| Value | Value Label |
|-------|-------------|
| 1 | Selected |

| 0 | Not Selected |
|---|---|

### Item 39.2.1f

Variable Code: LPEMACT2f

Description: In this job, what are your secondary work activity? – Teaching.

| Value | Value Label |
|---|---|
| 1 | Selected |
| 0 | Not Selected |

### <mark>###</mark>

### Item 39.2.2

Variable Code: LPEMACT2_OT

Description: In this job, what are your primary and secondary work activities? – Secondary.

| Value | Value Label |
|---|---|
| Text | Other (please specify) |
| -99 | Missing |

SECTION 5. PHD EXPERIENCE

**Item 40.1**
Variable Code: DRREP1
Description: Given the perspective that you have gained since completing your PhD in **[PROG]** at **[INSTITUTION]**, if you had to start again, how likely would you do the following? – Pursue a PhD in general.

| Value | Value Label |
|---|---|
| 1 | Definitely Would |
| 2 | Probably Would |
| 3 | Indifferent |
| 4 | Probably Would Not |
| 5 | Definitely Would Not |
| -99 | Missing |

**Item 40.2**
Variable Code: DRREP2
Description: Given the perspective that you have gained since completing your PhD in **[PROG]** at **[INSTITUTION]**, if you had to start again, how likely would you do the following? – Pursue a PhD in the same field.

| Value | Value Label |
|---|---|
| 1 | Definitely Would |
| 2 | Probably Would |
| 3 | Indifferent |
| 4 | Probably Would Not |
| 5 | Definitely Would Not |
| -99 | Missing |

**Item 40.3**
Variable Code: DRREP3
Description: Given the perspective that you have gained since completing your PhD in **[PROG]** at **[INSTITUTION]**, if you had to start again, how likely would you do the following? – Choose the same institution for doctoral education.

| Value | Value Label |
|---|---|
| 1 | Definitely Would |
| 2 | Probably Would |
| 3 | Indifferent |
| 4 | Probably Would Not |
| 5 | Definitely Would Not |
| -99 | Missing |

**Item 41.1**
Variable Code: DRPDSAT1
Description: How well did your graduate program prepare you in the following knowledge, attributes, and behaviors? – Applying research methodologies, tools, and techniques appropriately.

| Value | Value Label |
|-------|-------------|
| 1 | Excellent |
| 2 | Good |
| 3 | Average |
| 4 | Fair |
| 5 | Poor |
| -99 | Missing |

**Item 41.2**
Variable Code: DRPDSAT2
Description: How well did your graduate program prepare you in the following knowledge, attributes, and behaviors? – Grant writing.

| Value | Value Label |
|-------|-------------|
| 1 | Excellent |
| 2 | Good |
| 3 | Average |
| 4 | Fair |
| 5 | Poor |
| -99 | Missing |

**Item 41.3**
Variable Code: DRPDSAT3
Description: How well did your graduate program prepare you in the following knowledge, attributes, and behaviors? – Research ethics and scholarly integrity.

| Value | Value Label |
|-------|-------------|
| 1 | Excellent |
| 2 | Good |
| 3 | Average |
| 4 | Fair |
| 5 | Poor |
| -99 | Missing |

**Item 41.4**
Variable Code: DRPDSAT4

Description: How well did your graduate program prepare you in the following knowledge, attributes, and behaviors? – Developing new ideas, processes, or products, which are rooted in research.

| Value | Value Label |
|-------|-------------|
| 1 | Excellent |
| 2 | Good |
| 3 | Average |
| 4 | Fair |
| 5 | Poor |
| -99 | Missing |

### Item 41.5
Variable Code: DRPDSAT5
Description: How well did your graduate program prepare you in the following knowledge, attributes, and behaviors? – Critically analyzing and evaluating findings and results.

| Value | Value Label |
|-------|-------------|
| 1 | Excellent |
| 2 | Good |
| 3 | Average |
| 4 | Fair |
| 5 | Poor |
| -99 | Missing |

### Item 41.6
Variable Code: DRPDSAT6
Description: How well did your graduate program prepare you in the following knowledge, attributes, and behaviors? – Demonstrating a theoretical and practical understanding of your subject area and its wider research context.

| Value | Value Label |
|-------|-------------|
| 1 | Excellent |
| 2 | Good |
| 3 | Average |
| 4 | Fair |
| 5 | Poor |
| -99 | Missing |

### Item 41.7
Variable Code: DRPDSAT7
Description: How well did your graduate program prepare you in the following knowledge, attributes, and behaviors? – Working constructively with colleagues, acknowledging their contribution.

| Value | Value Label |
|-------|-------------|
| 1 | Excellent |
| 2 | Good |
| 3 | Average |
| 4 | Fair |
| 5 | Poor |
| -99 | Missing |

### Item 41.8

Variable Code: DRPDSAT8

Description: How well did your graduate program prepare you in the following knowledge, attributes, and behaviors? – Influencing others, providing direction and encouraging their contribution.

| Value | Value Label |
|-------|-------------|
| 1 | Excellent |
| 2 | Good |
| 3 | Average |
| 4 | Fair |
| 5 | Poor |
| -99 | Missing |

### Item 41.9

Variable Code: DRPDSAT9

Description: How well did your graduate program prepare you in the following knowledge, attributes, and behaviors? – Communicating ideas clearly and persuasively in writing such as in journal articles, grant proposals, or reports.

| Value | Value Label |
|-------|-------------|
| 1 | Excellent |
| 2 | Good |
| 3 | Average |
| 4 | Fair |
| 5 | Poor |
| -99 | Missing |

### Item 41.10

Variable Code: DRPDSAT10

Description: How well did your graduate program prepare you in the following knowledge, attributes, and behaviors? – Communicating ideas clearly and persuasively when speaking to others one-on-one or in small groups.

| Value | Value Label |
|-------|-------------|

| 1 | Excellent |
| 2 | Good |
| 3 | Average |
| 4 | Fair |
| 5 | Poor |
| -99 | Missing |

### Item 41.11

Variable Code: DRPDSAT11

Description: How well did your graduate program prepare you in the following knowledge, attributes, and behaviors? – Communicating ideas clearly and persuasively to a variety of audiences who may not have technical background about your field of PhD.

| Value | Value Label |
| --- | --- |
| 1 | Excellent |
| 2 | Good |
| 3 | Average |
| 4 | Fair |
| 5 | Poor |
| -99 | Missing |

### Item 42.1

Variable Code: DRPD1

Description: In which of the following experiences did you participate as a PhD student while at **[INSTITUTION]**? (Select all that apply.) – Internship.

| Value | Value Label |
| --- | --- |
| 1 | Selected |
| 0 | Not Selected |

### Item 42.2

Variable Code: DRPD2

Description: In which of the following experiences did you participate as a PhD student while at **[INSTITUTION]**? (Select all that apply.) – International experience outside of the U.S.

| Value | Value Label |
| --- | --- |
| 1 | Selected |
| 0 | Not Selected |

### Item 42.3

Variable Code: DRPD3

Description: In which of the following experiences did you participate as a PhD student while at **[INSTITUTION]**? (Select all that apply.) – Study/collaborate at U.S. institution other than my own.

| Value | Value Label |
|---|---|
| 1 | Selected |
| 0 | Not Selected |

### Item 42.4
Variable Code: DRPD4
Description: In which of the following experiences did you participate as a PhD student while at **[INSTITUTION]**? (Select all that apply.) – Coursework outside my discipline.

| Value | Value Label |
|---|---|
| 1 | Selected |
| 0 | Not Selected |

### Item 42.5
Variable Code: DRPD5
Description: In which of the following experiences did you participate as a PhD student while at **[INSTITUTION]**? (Select all that apply.) – Program or experience to prepare job materials.

| Value | Value Label |
|---|---|
| 1 | Selected |
| 0 | Not Selected |

### Item 42.6
Variable Code: DRPD6
Description: In which of the following experiences did you participate as a PhD student while at **[INSTITUTION]**? (Select all that apply.) – Individual Development Plan.

| Value | Value Label |
|---|---|
| 1 | Selected |
| 0 | Not Selected |

### Item 42.7
Variable Code: DRPD7
Description: In which of the following experiences did you participate as a PhD student while at **[INSTITUTION]**? (Select all that apply.) – None of the above.

| Value | Value Label |
|---|---|
| 1 | Selected |
| 0 | Not Selected |

SECTION 6. DEMOGRAPHIC INFORMATION

**Item 43**
Variable Code: GENDER
Description: Do you identify as.

| Value | Value Label |
|-------|-------------|
| 1 | Male |
| 2 | Female |
| 3 | Other |
| -99 | Missing |

**Item 44**
Variable Code: CITIZEN
Description: What is your citizenship status?

| Value | Value Label |
|-------|-------------|
| 1 | U.S. citizen |
| 2 | Permanent US resident ("Green Card") |
| 3 | Temporary resident (non-US citizen) |
| -99 | Missing |

**Item 45**
Variable Code: HISPANIC
Description: Are you Hispanic or Latino?

| Value | Value Label |
|-------|-------------|
| 1 | Yes |
| 0 | No |
| -99 | Missing |

**Item 46.1**
Variable Code: RACE1
Description: What is your racial background? (Select all that apply.) – American Indian/Alaska Native

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

**Item 46.2**
Variable Code: RACE2
Description: What is your racial background? (Select all that apply.) – Native Hawaiian or other Pacific Islander

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

### Item 46.3
Variable Code: RACE3
Description: What is your racial background? (Select all that apply.) – Asian

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

### Item 46.4
Variable Code: RACE4
Description: What is your racial background? (Select all that apply.) – Black or African American

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

### Item 46.5
Variable Code: RACE5
Description: What is your racial background? (Select all that apply.) – White

| Value | Value Label |
|-------|-------------|
| 1 | Selected |
| 0 | Not Selected |

### Item 47.1
Variable Code: DOB1
Description: What is the month and year of your birth? – Month.

| Value | Value Label |
|-------|-------------|
| 1 | January |
| 2 | February |
| 3 | March |
| 4 | April |
| 5 | May |
| 6 | June |
| 7 | July |
| 8 | August |
| 9 | September |

| 10 | October |
| 11 | November |
| 12 | December |
| -99 | Missing |

**Item 47.2**
Variable Code: DOB2
Description: What is the month and year of your birth? – Year.

| Value | Value Label |
| --- | --- |
| Numeric | Year |
| -99 | Missing |

**Item 48.1**
Variable Code: PAEDU1
Description: What is the highest educational attainment of your parents? – Father.

| Value | Value Label |
| --- | --- |
| 1 | No formal schooling |
| 2 | Less than high school graduate |
| 3 | High school graduate/GED |
| 4 | Some college |
| 5 | Associate's degree |
| 6 | Bachelor's degree |
| 7 | Master's degree (MA, MS, MSW, etc.) |
| 8 | Professional degree (MD, DDS, JD, etc.) |
| 9 | Doctoral degree (PhD, EdD, etc.) |
| 10 | Not applicable/unknown |
| -99 | Missing |

**Item 48.2**
Variable Code: PAEDU2
Description: What is the highest educational attainment of your parents? – Mother.

| Value | Value Label |
| --- | --- |
| 1 | No formal schooling |
| 2 | Less than high school graduate |
| 3 | High school graduate/GED |
| 4 | Some college |
| 5 | Associate's degree |
| 6 | Bachelor's degree |
| 7 | Master's degree (MA, MS, MSW, etc.) |
| 8 | Professional degree (MD, DDS, JD, etc.) |

| 9 | Doctoral degree (PhD, EdD, etc.) |
| 10 | Not applicable/unknown |
| -99 | Missing |

**Item 49**

Variable Code: AGI

Description: Please indicate the range that best estimates your income from all sources (including income from work, investments, alimony, etc.) prior to taxes and deductions for this calendar year.

| Value | Value Label |
| --- | --- |
| 1 | Don't know |
| 2 | Less than $20,000 |
| 3 | $20,000-$29,999 |
| 4 | $30,000-$39,999 |
| 5 | $40,000-$49,999 |
| 6 | $50,000-$59,999 |
| 7 | $60,000-$69,999 |
| 8 | $70,000-$79,999 |
| 9 | $80,000-$89,999 |
| 10 | $90,000-$99,999 |
| 11 | $100,000-$149,999 |
| 12 | $150,000 or more |
| -99 | Missing |

SECTION 7. RELEASE OF STUDENT ID NUMBER

**Item 50**
Variable Code: IDPERM
**\*\*DO NOT INCLUDE THIS VARIABLE IN THE DATASET TO BE SHARED WITH CGS\*\***

**Item 51**
Variable Code: SID
**\*\*DO NOT INCLUDE THIS VARIABLE IN THE DATASET TO BE SHARED WITH CGS\*\***

SECTION 8. RELEASE OF CONTACT INFORMATION TO CGS

**Item 52**
Variable Code: CONTPERM
Description: Respondents consent to give CGS their contact information.

| Value | Value Label |
|-------|-------------|
| 1 | Yes |
| 0 | No |
| -99 | Missing |

**Item 53**
Variable Code: CONT
Description: Respondent contact information for CGS follow-ups.

| Value | Value Label |
|-------|-------------|
| E-mail address | Follow-up contact information for CGS |
| -99 | Missing |

UC Portion of the Survey

| Variable Name | Variable Label |
|---------------|----------------|
| Zipcode | Please indicate your current zip/postal code |
| EmployerName | What is the name of your current employer? |
| GradPrepare | How could your graduate education have better prepared you for your current position? |
| GradHelpful | Please describe the parts of your graduate education that were most useful for your current position |
| WritingSkills | How important are each of the following in performing effectively in your profession or work life?-Writing Skills |
| ResearchSkills | How important are each of the following in performing effectively in your profession or work life?-Research Skills |
| TechSkills | How important are each of the following in performing effectively in your profession or work life?-Technological Skills |
| PresSkills | How important are each of the following in performing effectively in your profession or work life?-Presentation Skills |
| GiveFeedback | How important are each of the following in performing effectively in your profession or work life?-Ability to critique and give feedback |
| Interapproach | How important are each of the following in performing effectively in your profession or work life?-Using an interdisciplinary |

| | approach |
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| Collaborate | How important are each of the following in performing effectively in your profession or work life?-Collaborating with a team |
| ProManage | How important are each of the following in performing effectively in your profession or work life?-Project management |
| Lead | How important are each of the following in performing effectively in your profession or work life?-Leadership |
| DiffBackgrounds | How important are each of the following in performing effectively in your profession or work life?-Interacting with others from different backgrounds |
| TeachingSkills | How important are each of the following in performing effectively in your profession or work life?-Teaching Skills |
| Networking | How important are each of the following in performing effectively in your profession or work life?-Networking and relationship building |
| PerSpeaking | How important are each of the following in performing effectively in your profession or work life?-Persuasive speaking |
| FinSkills | How important are each of the following in performing effectively in your profession or work life?-Financial and business management skills |
| EntSkills | How important are each of the following in performing effectively in your profession or work life?-Entrepreneurial skills |
| Sale for prior questions 5= Not important, 4= somewhat important 3=Important, 2=Very Important, 1=Extremely Important | |
| CB_AcadResearch | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Academic (e.g., your research group, dissertation writing group) |
| CB_Arts | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Arts (e.g., *campus* Poetry Review, Friends of KALX) |
| CB_Cultural | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Cultural (e.g., nationality or ethnic student groups) |
| CB_Political | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Political (e.g., Young Republicans, College Democrats) |
| CB_Professional | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Professional (e.g., American Institute of Chemical Engineers, Asian Business Association) |
| CB_Recreational | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Recreational (e.g., chess club, bike club, rock climbing) |

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| CB_Religious | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Religious (e.g., Korean Campus Ministry, World Peace Buddhist Club) |
| CB_Residence | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Residence hall groups (e.g., IHouse, co-ops) |
| CB_Service | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Service |
| CB_Sports | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Sports |
| CB_STUDGOV | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Student Gov |
| CB_Other | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Other Activities |
| CB_OtherTXT | Rate the level of involvement in the following campus-based activities and organizations while you were a graduate student at UC-Other Activitie Text |
| Value labels for the item above 1= Not Involved, 2= Somewhat Involved 3=Involved 4=Very Involved 5= Don't know | |
| Par_Academic | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Academic or professional society |
| Par_Civic | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Civic or cultural organization (e.g., museum, historical society) |
| Par_College | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-College or university alumni organization |
| Par_ComServ | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Community service or fraternal organization (e.g., Lions or Kiwanis) |
| Par_Ethnic | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Ethnic, nationality, or civil liberties organization |
| Par_K12 | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in |

| | rows that apply to you)-K-12 school support or service group (e.g., PTA) |
|---|---|
| Par_Arts | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Performing arts organization |
| Par_PolAct | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Political action group or party committee |
| Par_PolInt | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Public interest group |
| Par_PolInt2 | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Public interest group (Second box checked) |
| Par_Religious | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Religious |
| Par_SocWel | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Social Welfare |
| Par_Trade | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Trade |
| Par_Youth | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Youth |
| Par_Other | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Other |
| Par_OtherTXT | Please tell us how you have participated in each of the following types of organizations over the past 12 months (check boxes in rows that apply to you)-Other Text |
| Value labels for the item above 1= Member, 2=Volunteer, 3=Leader 4= Don't know | |
| LiveinUS | Do you currently live in the U.S.? 1=Yes 0=No |
| Pr_WritingSkills | How much did your PhD program help you acquire or develop the following skills?-Writing Skills |
| Pr_ResearchSkills | How much did your PhD program help you acquire or develop the following skills?-Research Skills |
| Pr_TechSkills | How much did your PhD program help you acquire or develop the following skills?-Research Skills |
| Pr_PresSkills | How much did your PhD program help you acquire or develop the following skills?-Presentation Skills |
| Pr_FeedSkills | How much did your PhD program help you acquire or develop the |

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| | following skills?-Ability to critique and give feedback |
| Pr_InterSkills | How much did your PhD program help you acquire or develop the following skills?-Using an interdisciplinary approach |
| Pr_CollabSkills | How much did your PhD program help you acquire or develop the following skills?-Collaborating with a team |
| Pr_ProdManSkills | How much did your PhD program help you acquire or develop the following skills?-Project management |
| Pr_LeadSkills | How much did your PhD program help you acquire or develop the following skills?-Leadership Skills |
| Pr_DifBackSkills | How much did your PhD program help you acquire or develop the following skills?-Interacting with others from different backgrounds |
| Pr_TeachSkills | How much did your PhD program help you acquire or develop the following skills?-Teaching Skills |
| Pr_PerSpkSkills | How much did your PhD program help you acquire or develop the following skills?-Persuasive speaking |
| Pr_FinSkills | How much did your PhD program help you acquire or develop the following skills?-Financial and business management skills |
| Pr_EntSkills | How much did your PhD program help you acquire or develop the following skills?-Entrepreneurial skills |
| Value labels for the item above  1= Not at all, 2=A little, 3=Some, 4=Very Much | |
| Total_Weight | This is the total weigh for the dataset.  It accounts for design related differences (i.e.,  bounced emails and no emails) between the sample and the population along with response biases between the population and respondents.  Weights were constructed by campus and academic year.  While gender differences exist, cell sizes were too small to calculate gender weights for some campuses. |