

APPENDIX D:

2018 GSS ANNOTATED QUESTIONNAIRE

This appendix contains the 2018 survey questionnaire with annotated variable names for the corresponding data elements. To construct the variable names for the grids, select the column variable name prefix and then append the row variable name suffix to it. For example, on the “Part-time Master’s Students” grid on page 4, the variable name for male foreign nationals holding temporary visas would be constructed as “ma_pt_men” with “_forgn_v” appended to it, resulting in “ma_pt_men_forgn_v.”



**Worksheet for
Survey of Graduate Students and Postdoctorates
in Science and Engineering
Fall 2018**



National Science Foundation and National Institutes of Health

Dear Colleague,

This document provides a worksheet and instructions to help you compile your answers to the Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS). It is intended as an aid for use with the GSS Web survey. Please read page 2 for more information about preparing and submitting your information.

RTI International, the survey contractor for the GSS, provided the 2018 GSS survey materials to the individual selected as the School Coordinator for your school. The School Coordinator is responsible for monitoring your institution's responses to the survey and will be in touch with you about completing and submitting your survey response to NSF. Responses are due on **February 28, 2019**.

The GSS, conducted since 1966, is an annual survey that provides information on the training of the future labor force in the science, engineering, and health fields. Your timely response helps us minimize the cost of follow-ups and ensures that we accurately represent your institution in national statistical tables.

We appreciate the time and effort you devote to providing this important information.

If you have questions, please e-mail RTI at gss@rti.org or call RTI toll-free at 1-866-558-0781. **Please submit the information on this worksheet via the Web survey at <https://gss2018.org>.**

Sincerely,

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

P. Kay Lund, Ph.D.
Director
Division of Biomedical Research Workforce
Office of Extramural Research
National Institutes of Health

This information is solicited under the authority of the National Science Foundation Act of 1950, as amended. All information provided will be used for statistical purposes only. Response is entirely voluntary, and failure to provide some or all of the information will in no way adversely affect your institution. The average time required for questionnaire completion is 2.7 hours. Response burden comments should be directed to Suzanne Plimpton, Reports Clearance Officer, NSF, via e-mail at splimpto@nsf.gov.

Form approved
OMB No. 3145-0062
Expires 10/31/2020

WP2018SC

RTI International, Contractor for GSS

3040 East Cornwallis Road, P.O. Box 12194, Research Triangle Park, NC 27709-2194 • gss@rti.org • toll-free: (866) 558-0781

Survey Information

Welcome to the 2018 Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS) data collection. The GSS asks for counts of the following information by organizational unit (unit):

- **Master's Students:**
 - Part-time master's students by demographics, including citizenship, ethnicity, race, and sex
 - Full-time master's students by demographics, including citizenship, ethnicity, race, and sex
 - Full-time master's students by financial support, including funding agency (e.g., NSF, NIH) and mechanism (e.g., training grant, fellowship)
- **Doctoral Students:**
 - Part-time doctoral students by demographics, including citizenship, ethnicity, race, and sex
 - Full-time doctoral students by demographics, including citizenship, ethnicity, race, and sex
 - Full-time doctoral students by financial support, including funding agency (e.g., NSF, NIH) and mechanism (e.g., training grant, fellowship)
- **Postdoctoral Researchers (Postdocs):**
 - Demographics, including citizenship, ethnicity, race, and sex
 - Financial support, including funding agency (e.g., NSF, NIH) and mechanism (e.g., training grant, fellowship)
 - Type of degree (professional, PhD, or PhD equivalent) and origin of degree (U.S. or foreign)
- **Other Doctorate-Holding Nonfaculty Researchers (NFRs):**
 - Sex and type of degree (professional, PhD, or PhD equivalent)

If you need additional copies of this worksheet, please visit the GSS Web survey site (<https://gss2018.org>) to download additional copies.

For Glossary terms used in the GSS, please refer to the Glossary starting on page 14.

Submissions

Deadline

Submit the data to NSF by **February 28, 2019**.

Online Submissions

This worksheet is designed to aid you in gathering information for the GSS Web instrument.

- Use the GSS Web instrument for instructions on how to submit the information on this worksheet.
- Access the GSS instructions and materials at <https://gss2018.org> using the ID and password you received by e-mail.
- If you've lost the ID and password sent by your School Coordinator or have not yet received an ID and password, please contact the survey help desk toll-free at 1-866-558-0781, or e-mail us at gss@rti.org.

1

A. What is the name of this organizational unit?

Organizational units (“units”) include teaching units (departments or programs) and research units (research centers or health care facilities). This term replaces terms used previously: department, program, research center, health care facility.

B. Who is the **primary contact** for your organizational unit, or the person assigned to complete this survey response (i.e., Unit Respondent)?

Institution name	<input type="text"/>
First name	<input type="text"/>
Last name	<input type="text"/>
Title	<input type="text"/>
Telephone	<input type="text"/>
Telephone extension	<input type="text"/>
E-mail	<input type="text"/>

C. Who is the **alternative contact** if the primary contact is not available? Examples include your supervisor, the data preparer, or another coworker.

First name	<input type="text"/>
Last name	<input type="text"/>
Title	<input type="text"/>
Telephone	<input type="text"/>
Telephone extension	<input type="text"/>
E-mail	<input type="text"/>

D. As of fall 2018, what degrees are offered by this organizational unit?

- PhD or PhD equivalent degree (e.g., ScD or DEng) only → Skip to Question **2B**
- Master’s degrees only (exclude certificates) → Continue with Question **2A**
- Both master’s and PhD or PhD equivalent degrees → Continue with Question **2A**
- No master’s, PhD or PhD equivalent degrees offered → Skip to Question **5A**

2A

How many master's students were enrolled part-time for credit in this organizational unit in fall 2018 in each category below? Use your institution's definition of part-time. (Full-time enrollment is collected in Question 3A.)

Check this box if this unit had no eligible part-time master's students

- Count only students enrolled part-time for credit in an eligible master's degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one eligible degree program in the unit where the students are pursuing the highest degree.

Include

- Part-time students pursuing a master's degree.
- Part-time master's students concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM).
- Part-time master's students who already hold a graduate or professional degree and are seeking an additional master's degree.

Exclude

- Part-time master's students concurrently enrolled in an eligible doctoral program (count them in that program).
- Part-time master's students enrolled at a branch or extension center of a U.S. institution in a foreign country.

Citizenship, Ethnicity, and Race

- Count any master's student who is Hispanic/Latino, or Hispanic/Latino and any other race, in Row B.
- See the Glossary on page 14 for full definitions of citizenship, ethnicity, and race categories.

Citizenship, Ethnicity, and Race of Part-time Master's Students (report part-time students in whole numbers)	Part-time Master's Students					
	Male 1	Female 2	Total ¹ 3			
Foreign nationals holding temporary visas, regardless of ethnicity or race..... <u>_forgn_v</u> A						
U.S. citizens and permanent residents (non-U.S. citizens holding green cards)						
• Hispanic/Latino ethnicity (one or more races)..... <u>_hisp_v</u> B						
• Not Hispanic/Latino (one or more races)						
One race, American Indian/Alaska Native <u>_indian_v</u> C	ma_pt_men_	ma_pt_wmen_	ma_pt_tot_			
One race, Asian <u>_asian_v</u> D						
One race, Black/African American <u>_black_v</u> E						
One race, Native Hawaiian/Other Pacific Islander <u>_pacific_v</u> F						
One race, White <u>_white_v</u> G						
More than one race (not Hispanic/Latino) <u>_multi_v</u> H						
• Ethnicity/race unknown or not stated..... <u>_unk_v</u> I						
Total part-time <u>master's</u> students (sum Rows A-I)¹ <u>_all_races_v</u> J						

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Row and column totals are calculated automatically if you report on the GSS Web survey.

3A

How many master's students were enrolled full-time for credit in this organizational unit in fall 2018 in each category below? Of these, how many full-time master's students were enrolled for the *first time*? Use your institution's definition of full-time.

Check this box if this unit had no eligible full-time master's students, and then skip to Question **2B**

Check this box if this unit had no eligible first-time full-time master's students
 Check this box if this unit had first-time full-time master's students but you cannot provide any information about them

- Count only students enrolled full-time for credit in an eligible master's degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one eligible degree program in the unit where the students are pursuing the highest degree.

Include

- Full-time master's students who already hold a graduate or professional degree and are seeking an additional master's degree.
- Full-time master's students concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM).

Exclude

- Full-time master's students concurrently enrolled in an eligible doctoral program (count them in that program).
- Full-time master's students enrolled at a branch or extension center of a U.S. institution in a foreign country.

First-time enrollment for full-time master's students

- First-time master's students are those enrolled for credit in a master's degree program in this unit for the first-time in fall 2018. This may include master's students previously enrolled in another graduate degree program at your institution or at another institution and students that already hold another graduate or professional degree.

Citizenship, Ethnicity, and Race

- Count any master's student who is Hispanic/Latino, or Hispanic/Latino and any other race, in Row B.
- See the Glossary on page 14 for full definitions of citizenship, ethnicity, and race categories.

Citizenship, Ethnicity, and Race of Full-time Master's Students (report full-time students in whole numbers)	Full-time Master's Students					
	Total full-time			Of Col. 3 total, how many are first-time?		
	Male 1	Female 2	Total ¹ 3	Male 4	Female 5	Total ¹ 6
Foreign nationals holding temporary visas, regardless of ethnicity or race..... <u>_forgn_v</u> A						
U.S. citizens and permanent residents (non-U.S. citizens holding green cards)						
• Hispanic/Latino ethnicity (one or more races)..... <u>_hisp_v</u> B						
• Not Hispanic/Latino (one or more races)						
One race, American Indian/Alaska Native ... <u>_indian_v</u> C						
One race, Asian <u>_asian_v</u> D						
One race, Black/African American <u>_black_v</u> E						
One race, Native Hawaiian/Other Pacific Islander <u>_pacific_v</u> F						
One race, White <u>_white_v</u> G						
More than one race (not Hispanic/Latino) .. <u>_multi_v</u> H						
• Ethnicity/race unknown or not stated <u>_unk_v</u> I						
Total full-time <u>master's</u> students (sum Rows A-I) ¹ <u>_all_races_v</u> J						

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Row and column totals are calculated automatically if you report on the GSS Web survey.

4A

How many master's students enrolled full-time for credit in this organizational unit in fall 2018 received their largest source of financial support from each category below? Report students by mechanism of support and by sex. Use your institution's definition of full-time.

Check this box if this unit had no eligible full-time master's students

- Count only students enrolled full-time for credit in an eligible master's degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one eligible degree program in the unit where the students are pursuing the highest degree.
- If a master's student receives support from two or more sources equally, select one to report as the primary source.
- See the Glossary on page 14 for definitions of terms used in Question 4A.

Include

- Full-time master's students who already hold a graduate or professional degree and are seeking an additional master's degree.
- Full-time master's students concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM).

Exclude

- Full-time master's students concurrently enrolled in an eligible doctoral program (count them in that program).
- Full-time master's students enrolled at a branch or extension center of a U.S. institution in a foreign country.

Largest Source of Financial Support (use all graduate academic support—tuition reimbursement, waivers, stipends, etc.—to determine largest source)	Full-time Master's Students							
	Largest Mechanism of Financial Support (report full-time students in whole numbers)						Total by Sex (must sum to total in Column 6)	
	Fellowships	Traineeships	Research assistantships	Teaching assistantships	Other support	Total ¹	Male	Female
	1	2	3	4	5	6	7	8
Federal (e.g., training grants from federal agencies; however, federal loans are reported in Row L)								
• Department of Defense <u>_fed_dod_v</u> A								
• HHS–NIH Only <u>_fed_nih_v</u> B								
• HHS–Other than NIH <u>_fed_hhs_v</u> C								
• NSF <u>_fed_nsf_v</u> D								
• Department of Agriculture <u>_fed_doa_v</u> E								
• NASA..... <u>_fed_nasa_v</u> F								
• Department of Energy... <u>_fed_doe_v</u> G								
• Other federal sources ² <u>_fed_oth_v</u> H								
Nonfederal (Institutional means the support from your institution; tuition reimbursement, waivers, stipends, etc.)								
• Institutional, state/local government... <u>_nfed_inst_v</u> I								
• Other U.S. source: <u>_nfed_othus_v</u> J								
• Non-U.S. sources. <u>_nfed_forgn_v</u> K								
Self (Student's own resources means the personal and family financial resources and federal and other loans)								
• Student's own resources <u>_self_sup_v</u> L	Report in 'Other support' and by 'Sex'							
Total full-time master's students (sum Rows A–L) ¹ <u>_all_v</u> M								

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

² This also includes the Fulbright Program (State Department) and the GI Bill (Department of Veterans Affairs).

2B

How many doctoral students were enrolled part-time for credit in this organizational unit in fall 2018 in each category below? Use your institution's definition of part-time. (Full-time enrollment is collected in Question 3B.)

Check this box if this unit had no eligible part-time doctoral students

- Count only students enrolled part-time for credit in an eligible doctoral degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one eligible degree program in the unit where the students are pursuing their doctoral degree.

Include

- Part-time students pursuing a PhD or PhD equivalent degree, such as an ScD or DEng.
- Part-time PhD candidates (including residents and interns) concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM) or a joint medical/PhD program.
- Part-time doctoral students who already hold a graduate or professional degree and are seeking an additional doctoral degree.

Exclude

- Full-time doctoral students enrolled at a branch or extension center of a U.S. institution in a foreign country.

Citizenship, Ethnicity, and Race

- Count any doctoral student who is Hispanic/Latino, or Hispanic/Latino and any other race, in Row B.
- See the Glossary on page 14 for full definitions of citizenship, ethnicity, and race categories.

Citizenship, Ethnicity, and Race of Part-time Doctoral Students (report part-time students in whole numbers)	Part-time Doctoral Students					
	Male 1	Female 2	Total ¹ 3			
Foreign nationals holding temporary visas, regardless of ethnicity or race <u>_forgn_v</u> A						
U.S. citizens and permanent residents (non-U.S. citizens holding green cards)						
• Hispanic/Latino ethnicity (one or more races)..... <u>_hisp_v</u> B						
• Not Hispanic/Latino (one or more races)						
One race, American Indian/Alaska Native <u>_indian_v</u> C	dr_pt_men_	dr_pt_wmen_	dr_pt_tot_			
One race, Asian <u>_asian_v</u> D						
One race, Black/African American <u>_black_v</u> E						
One race, Native Hawaiian/Other Pacific Islander... <u>_pacific_v</u> F						
One race, White <u>_white_v</u> G						
More than one race (not Hispanic/Latino) <u>_multi_v</u> H						
• Ethnicity/race unknown or not stated <u>_unk_v</u> I						
Total part-time <u>doctoral</u> students (sum Rows A-I)¹ <u>_all_races_v</u> J						

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Row and column totals are calculated automatically if you report on the GSS Web survey.

3B

How many **doctoral** students were enrolled **full-time** for credit in this organizational unit in fall 2018 in each category below? Of these, how many full-time doctoral students were enrolled for the *first time*? Use your institution's definition of full-time.

Check this box if this unit had no eligible **full-time doctoral** students, and then skip to Question **5A**

Check this box if this unit had no eligible **first-time full-time doctoral** students

Check this box if this unit had **first-time full-time doctoral** students but you cannot provide any information about them

- Count only students enrolled **full-time** for credit in an eligible **doctoral** degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one degree program in the unit where the students are pursuing their eligible doctoral degree.

Include

- Full-time students pursuing a PhD or PhD equivalent degree, such as an ScD or DEng.
- Full-time PhD candidates (including residents and interns) concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM) or a joint medical/PhD program.
- Full-time **doctoral** students who already hold a graduate or professional degree and are seeking an additional doctoral degree.

Exclude

- Full-time **doctoral** students enrolled at a branch or extension center of a U.S. institution in a foreign country.

First-time enrollment for full-time **doctoral students**

- First-time **doctoral** students are those enrolled for credit in a doctoral degree program in this unit for the first time in fall 2018. This may include doctoral students previously enrolled in another graduate degree program at your institution or at another institution, and doctoral students that already hold another graduate or professional degree.

Citizenship, Ethnicity, and Race

- Count any **doctoral** student who is Hispanic/Latino, or Hispanic/Latino and any other race, in Row B.
- See the Glossary on page 14 for full definitions of citizenship, ethnicity, and race categories.

Citizenship, Ethnicity, and Race of Full-time Doctoral Students (report full-time students in whole numbers)	Full-time Doctoral Students					
	Total full-time			Of Col. 3 total, how many are first-time?		
	Male 1	Female 2	Total ¹ 3	Male 4	Female 5	Total ¹ 6
Foreign nationals holding temporary visas, regardless of ethnicity or race..... _forgn_v A						
U.S. citizens and permanent residents (non-U.S. citizens holding green cards)						
• Hispanic/Latino ethnicity (one or more races) _hisp_v B						
• Not Hispanic/Latino (one or more races)						
One race, American Indian/Alaska Native..... _indian_v C	dr_ft_men_	dr_ft_wmen_	dr_ft_tot_	dr_ft_frst_men_	dr_ft_frst_wmen_	dr_ft_frst_tot_
One race, Asian _asian_v D						
One race, Black/African American _black_v E						
One race, Native Hawaiian/Other Pacific Island _pacific_v F						
One race, White _white_v G						
More than one race (not Hispanic/Latino) ... _multi_v H						
• Ethnicity/race unknown or not stated..... _unk_v I						
Total full-time doctoral students (sum Rows A-I) _all_races_v J						

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Row and column totals are calculated automatically if you report on the GSS Web survey.

4B

How many doctoral students enrolled full-time for credit in this organizational unit in fall 2018 received their largest source of financial support from each category below? Report students by mechanism of support and by sex. Use your institution's definition of full-time.

Check this box if this unit had no eligible full-time doctoral students

- Count only students enrolled full-time for credit in an eligible doctoral degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one degree program in the unit where the students are pursuing their eligible doctoral degree.
- If a doctoral student receives support from two or more sources equally, select one to report as the primary source.
- See the Glossary on page 14 for definitions of terms used in Question 4B.

Include

- Full-time students pursuing a PhD or PhD equivalent degree, such as an ScD or DEng.
- Full-time PhD candidates (including residents and interns) concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM) or a joint medical/PhD program.
- Full-time doctoral students who already hold a graduate or professional degree and are seeking an additional doctoral degree.

Exclude

- Full-time doctoral students enrolled at a branch or extension center of a U.S. institution in a foreign country.

Largest Source of Financial Support (use all graduate academic support—tuition reimbursement, waivers, stipends, etc.—to determine largest source)	Full-time Doctoral Students								
	Largest Mechanism of Financial Support (report full-time students in whole numbers)						Total by Sex (must sum to total in Column 6)		
	Fellowships 1	Traineeships 2	Research assistantships 3	Teaching assistantships 4	Other support 5	Total ¹ 6	Male 7	Female 8	
Federal (e.g., training grants from federal agencies; however, federal loans are reported in Row L)									
• Department of Defense... <u>fed_dod_v</u> A									
• HHS—NIH Only... <u>fed_nih_v</u> B									
• HHS—Other than NIH... <u>fed_hhs_v</u> C									
• NSF... <u>fed_nsf_v</u> D									
• Department of Agriculture... <u>fed_doa_v</u> E									
• NASA... <u>fed_nasa_v</u> F									
• Department of Energy... <u>fed_doe_v</u> G									
• Other federal sources ² ... <u>fed_oth_v</u> H									
Nonfederal (Institutional means the support from your institution: tuition reimbursement, waivers, stipends, etc.)									
• Institutional, state/local government... <u>nfed_inst_v</u> I									
• Other U.S. sources... <u>nfed_othus_v</u> J									
• Non-U.S. sources... <u>nfed_forgn_v</u> K									
Self (Student's own resources means the personal and family financial resources and federal and other loans)									
• Student's own resources... <u>self_sup_v</u> L	Report in 'Other support' and by 'Sex'								
Total full-time doctoral students (sum Rows A–L) ¹ ... <u>all_v</u> M									

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

² This also includes the Fulbright Program (State Department) and the GI Bill (Department of Veterans Affairs).

5A

In fall 2018, how many postdocs did this organizational unit have in each category below? Please do not count other doctorate-holding nonfaculty researchers. (Information on other doctorate-holding nonfaculty researchers is collected in Question 6.)

- Check this box if this unit had no postdocs and then skip to Question **6**
- Check this box if this unit had postdocs but you cannot provide any information about them

- Count individuals in one and only one unit.
- Include clinical fellows if the primary purpose of the appointment is research training.
- Exclude postdocs with appointments in residency training programs.
- Count postdocs who are Hispanic/Latino, or Hispanic/Latino and any other race, in Row B only.
- Please use your institution's definition of postdoc. See the Glossary on page 14 for full definitions of citizenship, ethnicity, and race categories.

Citizenship, Ethnicity, and Race of Postdocs (report postdocs in whole numbers)	Male 1	Female 2	Total ¹ 3
Foreign nationals holding temporary visas, regardless of ethnicity or race <input type="text"/> _forgn_v A			
U.S. citizens and permanent residents (non-U.S. citizens holding green cards)			
• Hispanic/Latino ethnicity (one or more races) <input type="text"/> _hispp_v B			
• Not Hispanic/Latino (one or more races)			
One race, American Indian/Alaska Native <input type="text"/> _indian_v C			
One race, Asian <input type="text"/> _asian_v D	pd_men_	pd_wmen_	pd_tot_
One race, Black/African American <input type="text"/> _black_v E			
One race, Native Hawaiian/Other Pacific Islander <input type="text"/> _pacific_v F			
One race, White <input type="text"/> _white_v G			
More than one race (not Hispanic/Latino) <input type="text"/> _multi_v H			
• Ethnicity/race unknown or not stated <input type="text"/> _unknown_v I			
Total Postdocs (sum Rows A-I) ¹ <input type="text"/> _all_races_v J			

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Row and column totals are calculated automatically if you report on the GSS Web survey.

5B

In this organizational unit in fall 2018, how many postdocs received their largest source of financial support from each category below? Please do not count other doctorate-holding nonfaculty researchers.

- Check this box if this unit had no postdocs
- Check this box if this unit had postdocs but you cannot provide any information about them

- Count individuals in one and only one unit.
- Include clinical fellows if the primary purpose of the appointment is research training.
- Exclude postdocs with appointments in residency training programs.
- Please use your institution's definition of postdoc. See the Glossary on page 14 for definitions of other terms used in Question 5B.

Largest Source of Financial Support	Largest Mechanism of Financial Support (report postdocs in whole numbers)				
	Fellowships 1	Traineeships 2	Research grants 3	Other support 4	Total ¹ 5
Federal (e.g., training grants from federal sources)					
• Department of Defense .. <input type="text"/> _fed_dod_v A					
• HHS–NIH Only..... <input type="text"/> _fed_nih_v B					
• HHS–Other than NIH..... <input type="text"/> _fed_hhs_v C					
• NSF..... <input type="text"/> _fed_nsf_v D					
• Department of Agriculture.. <input type="text"/> _fed_doa_v E					
• NASA..... <input type="text"/> _fed_nasa_v F					
• Department of Energy..... <input type="text"/> _fed_doe_v G					
• Other federal sources..... <input type="text"/> _fed_oth_v H					
Sub-total, Federal (sum Rows A–H) ¹ <input type="text"/> _fed_all_v I	pd_fel	pd_trn	pd_grt	pd_om	pd_tot
Nonfederal					
• Institutional, state/local government..... <input type="text"/> _nfed_inst_v J					
• Other U.S. sources..... <input type="text"/> _nfed_othus_v K					
• Non-U.S. sources..... <input type="text"/> _nfed_forgn_v L					
Sub-total, Nonfederal (sum Rows J–L) ¹ ... <input type="text"/> _nfed_all_v M					
Personal resources <input type="text"/> _self_sup_v N	Report under 'Other support' (and in 'Total')				
Unknown or not stated <input type="text"/> _unk_sup_v O					
Total Postdocs (sum Rows I, M, N, & O) ¹ ... <input type="text"/> _all_v P					
Total Postdocs, Male <input type="text"/> _men_all_v Q					
Total Postdocs, Female <input type="text"/> _wmen_all_v R					

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

5C1

Please report the number of postdocs in this organizational unit in fall 2018 by type of doctoral degree and by mechanism of support.

- Check this box if this unit had no postdocs
- Check this box if this unit had postdocs but you cannot provide any information about them

Type of Doctoral Degree	Largest Mechanism of Financial Support (report postdocs in whole numbers)				
	Fellowships 1	Traineeships 2	Research grants 3	Other support 4	Total ¹ 5
• Postdocs with a professional degree (e.g., MD, DVM, DO, DDS)..... <input type="text"/> _med_v A	pd_fel_	pd_trn_	pd_grt_	pd_om_	pd_tot_
• Postdocs with a doctoral degree (e.g., PhD, ScD, DEng)..... <input type="text"/> _nmed_v B					
• Postdocs with both professional and doctoral degree (e.g., MD-PhD, DVM-PhD) .. <input type="text"/> _dual_v C					
• Postdocs with doctoral degree type unknown <input type="text"/> _unk_v D					
Total Postdocs (determined from 5B) ¹ E					

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

5C2

Please report the number of postdocs in this organizational unit in fall 2018 by type of doctoral degree and by citizenship.

Type of Doctoral Degree	Postdocs		
	U.S. citizens and permanent residents 1	Foreign nationals with temporary visas 2	Total ¹ 3
• Postdocs with a professional degree (e.g., MD, DVM, DO, DDS)..... <input type="text"/> _med_v A	pd_us_	pd_forgn_	pd_tot_cit_
• Postdocs with a doctoral degree (e.g., PhD, ScD, DEng)..... <input type="text"/> _nmed_v B			
• Postdocs with both professional and doctoral degree (e.g., MD-PhD, DVM-PhD) .. <input type="text"/> _dual_v C			
• Postdocs with doctoral degree type unknown <input type="text"/> _unk_v D			
Total Postdocs (determined from 5A) ¹ E			

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

5C3

Please report the number of postdocs in this organizational unit in fall 2018 by origin of doctoral degree.

Origin of Doctoral Degree		Total ¹
<ul style="list-style-type: none"> Postdocs who received their doctoral degree in the United States (including Puerto Rico and the U.S. territories) 	A	pd_degr_us_v
<ul style="list-style-type: none"> Postdocs who received their doctoral degree in a foreign country 	B	pd_degr_forgn_v
<ul style="list-style-type: none"> Postdocs with origin of doctoral degree unknown..... 	C	pd_degr_unk_orig_v
Total Postdocs (sum Rows A–C) ¹	D	

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

6

Please report the number of other doctorate-holding nonfaculty researchers in this organizational unit in fall 2018 by sex and type of doctoral degree. This includes individuals who are not considered postdocs or members of the faculty and who are primarily involved in research.

- Check this box if this unit had no other doctorate-holding nonfaculty researchers
- Check this box if this unit had other doctorate-holding nonfaculty researchers but you cannot provide any information about them

Type of Doctoral Degree	Nonfaculty Researchers		
	Male 1	Female 2	Total ¹ 3
<ul style="list-style-type: none"> Nonfaculty researchers with a professional degree (e.g., MD, DVM, DO, DDS) 			
<ul style="list-style-type: none"> Nonfaculty researchers with a doctoral degree (e.g., PhD, ScD, DEng) 			
<ul style="list-style-type: none"> Nonfaculty researchers with both professional and doctoral degree (e.g., MD-PhD, DVM-PhD) 			
<ul style="list-style-type: none"> Nonfaculty researchers with doctoral degree type unknown..... 			
Total Nonfaculty Researchers (sum Rows A–D) ¹			

Please explain significant differences from the 2017 survey or provide other comments here.

¹ Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

Glossary

Citizenship—Count individuals as either U.S. citizens and permanent residents, or as foreign nationals holding temporary visas. Do not count foreign individuals living outside the United States.

- **U.S. Citizens and Permanent Residents**—U.S. citizens, including those from Puerto Rico and the U.S. territories, and permanent residents holding green cards.
- **Foreign Nationals Holding Temporary Visas**—Individuals in the United States on temporary visas. Individuals who are native residents of Puerto Rico or a U.S. territory, or permanent residents holding green cards, should be included under U.S. citizens and permanent residents. Non-U.S. citizens without temporary visas who reside outside the U.S. and who are enrolled in an online degree program at a U.S. institution should be excluded. Do not report foreign nationals by ethnicity or race.

Classification of Instructional Program (CIP)—This is an academic discipline taxonomy maintained by the US Department of Education's National Center for Education Statistics (NCES). CIP codes are used for the Integrated Postsecondary Education Data System (IPEDS) data collections. Completion of IPEDS surveys is mandatory for all institutions that participate in federal Title IV funding. If you are unfamiliar with these codes, or are uncertain whether or not these codes exist on your campus, you may find it helpful to contact the Institutional Research office on your campus.

Department of Agriculture—Financial support from the U.S. Department of Agriculture (USDA) includes research assistants working on projects financed out of agency formula funds, competitive research grants, and institutional fellowship and training grants.

Department of Defense—Financial support from the U.S. Department of Defense (DoD), including the Departments of the Army, Navy, and Air Force, as well as other programs within DoD.

Department of Energy—Financial support from U.S. Department of Energy (DOE) research grants, including those supported by grants at the DOE National Laboratories.

Doctoral Degree—See [PhD or PhD equivalent degree](#).

Doctoral Degree (for Postdocs)—Includes doctorates such as PhD, ScD, DSc, DEng, DESc, DES, DNSc, DPH, EdD, DA, DBA, DMA, DM, DSW, DDES, DPA, DPE, DCM, DHL, DIT, DME, DML, ThD, DFA, JSD, SJD, STD, JCD.

Ethnicity—The U.S. Office of Management and Budget defines ethnicity separately from race (please

see separate entry for [Race](#)). In this survey, ethnicity refers to whether an individual is of Hispanic or Latino descent—a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race. Also see [Hispanic/Latino ethnicity, one or more races](#).

Federal Sources of Support—Financial support provided by the federal agencies in Rows A–G. For graduate students, count students primarily supported by federally guaranteed student loans (student's own resources) as self-supported. See additional entries for the [Department of Defense](#), the [National Institutes of Health](#), [Health and Human Services](#), the [National Science Foundation](#), the [Department of Agriculture](#), and the [Department of Energy](#).

Fellowships—A competitive award (often from a national competition) to a graduate student or a postdoc that requires no work of the recipient.

First-Time Enrollment—Graduate students enrolled for credit in a graduate-degree program in your organizational unit for the first time in the fall of the reporting year. This may include graduate students previously enrolled in another graduate degree program at your institution or at another institution. It may also include students that already hold another graduate or professional degree. Only count first-time full-time students in these columns.

Foreign Nationals Holding Temporary Visas—Individuals in the United States on temporary visas. Individuals who are native residents of Puerto Rico or a U.S. territory, or permanent residents holding green cards, should be included under U.S. citizens and permanent residents. Non-U.S. citizens without temporary visas who reside outside the U.S. and who are enrolled in an online degree program at a U.S. institution should be excluded. Do not report foreign nationals by ethnicity or race.

Full-time Student—Use your institution's policy and definition to count full-time students.

GSS (Survey of Graduate Students and Postdoctorates in Science and Engineering)—An annual survey collecting information about graduate enrollment, postdoctoral researchers, and doctorate-holding nonfaculty researchers in science, engineering, and selected health fields. Jointly sponsored by NSF and NIH, the GSS provides a comprehensive picture of the training of future scientists, engineers, and health professionals in U.S. graduate schools.

Health and Human Services—Report financial support from the institutes or divisions of the National Institutes of Health (NIH) in Row B. Report support from all other components of the U.S. Department of

Health and Human Services (HHS) under Row C. See HHS—National Institutes of Health (NIH) Only and HHS—Other than NIH.

HHS—National Institutes of Health (NIH) Only—Report financial support received from the following organizations within the National Institutes of Health (NIH):

- John E. Fogarty International Center
- National Cancer Institute
- National Center for Complementary and Alternative Medicine
- National Institute on Minority Health and Health Disparities
- National Center for Advancing Translational Sciences
- National Eye Institute
- National Heart, Lung, and Blood Institute
- National Human Genome Research Institute
- National Institute of Allergy and Infectious Diseases
- National Institute of Arthritis and Musculoskeletal and Skin Diseases
- National Institute of Biomedical Imaging and Bioengineering
- National Institute of Child Health and Human Development
- National Institute of Dental and Craniofacial Research
- National Institute of Diabetes and Digestive and Kidney Diseases
- National Institute of Environmental Health Sciences
- National Institute of General Medical Sciences
- National Institute of Mental Health
- National Institute of Neurological Disorders and Stroke
- National Institute of Nursing Research
- National Institute on Aging
- National Institute on Alcohol Abuse and Alcoholism
- National Institute on Deafness and Other Communication Disorders
- National Institute on Drug Abuse
- National Library of Medicine
- NIH Office of the Director

HHS—Other than NIH—Other than NIH, the U.S. Department of Health and Human Services (HHS) includes the following organizations:

- Agency for Healthcare Research and Quality
- Centers for Disease Control and Prevention
- Health Resources and Services Administration
- National Institute for Occupational Safety and Health
- Substance Abuse and Mental Health Services Administration
- U.S. Food and Drug Administration
- Administration for Children and Families
- Agency for Toxic Substances and Disease Registry
- Centers for Medicare and Medicaid Services
- Indian Health Service

Highest Degree Offered—The highest degree granted (master's or PhD) by the unit.

Hispanic/Latino Ethnicity, one or more races—Only report ethnicity for U.S. citizens (including those from Puerto Rico and U.S. territories). All foreign nationals holding temporary visas should be reported in Row A. Include all individuals of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race. Count all individuals who are Hispanic/Latino or Hispanic/Latino and any other race(s) in this category.

ID—A unique identification assigned to each user for the purpose of logging into the GSS online data collection system. Also referred as User ID.

Institutional, State/Local Government Support—Financial support (such as stipends or tuition) provided by the institution or state or local governments. This category includes students receiving tuition waivers.

Largest or Primary Source of Support—The source of funds that provides the largest amount (highest percentage) of financial support for each graduate student or postdoc. When determining the largest source of support for graduate students, consider all graduate school academic expenses (tuition, fees, etc.). If a student or postdoc is supported by two or more equal sources of support, select one as the primary.

Largest or Primary Mechanism of Support—The mechanism of funding that provides the largest amount (highest percentage) of financial support for each graduate student or postdoc. If a student or postdoc is supported by two or more equal mechanisms of support, select one as the primary.

Master's Degree—A post-baccalaureate, research-focused degree; includes MA, MS, MASc, and PSM in GSS eligible disciplines.

Please report students based on the highest eligible degree in which the student is enrolled. If a student is enrolled in multiple eligible degree programs at the same level (e.g., two master's programs in GSS eligible fields), count the student in their primary degree program only. If a primary degree program cannot be established, please report under only one of the GSS eligible programs.

National Aeronautics and Space Administration (NASA)—Report individuals who receive financial aid from this agency.

National Science Foundation (NSF)—Financial support from the U.S. National Science Foundation (NSF) fellowships and traineeships, as well as support under NSF research grants.

Nonfaculty Researchers—All doctorate-holding researchers who (a) are not considered either postdoctoral researchers or members of the faculty, and (b) are involved principally in science and

engineering or health research activities. Also referred to as Other Doctorate-Holding Nonfaculty Researchers.

Nonfederal Sources of Support—Support from state and local government; support from **your** institution, such as tuition waivers and stipends; support from foreign sources, such as foreign governments, foreign firms, and agencies of the United Nations; and other U.S. sources, such as support from nonprofit institutions, private industry, and all other nonfederal U.S. sources.

Non-U.S. sources—Funding from non-U.S. sources, including foreign governments, foreign companies, and specialized agencies of the United Nations.

Not Hispanic/Latino ethnicity—Count only individuals who are **not** of Hispanic or Latino descent in Rows C–I. Individuals who are Hispanic/Latino, or Hispanic/Latino and any other race should be counted in Row B.

- **One race, American Indian or Alaska Native**—A person of only one race having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment
- **One race, Asian**—A person of only one race having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam
- **One race, Black or African American**—A person of only one race having origins in any of the black racial groups of Africa
- **One race, Native Hawaiian or Other Pacific Islander**—A person of only one race having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific islands
- **One race, White**—A person of only one race having origins in any of the original peoples of Europe, the Middle East, or North Africa
- **More than one race reported (not Hispanic/Latino)**—A person reporting two or more of the race categories listed above. Individuals who report being Hispanic/Latino and one or more race, should be reported in Row B instead.

Organizational Unit (Unit)—This term refers to the names of the organizational units where graduate students, postdoctoral researchers, and doctorate-holding nonfaculty researchers are enrolled and/or work. A unit can be a teaching unit, research unit, or both. Also see Research Unit and Teaching Unit.

Other Doctorate-Holding Nonfaculty Researchers—All doctorate-holding researchers who (a) are not considered either postdoctoral researchers or members of the faculty and (b) are involved principally in science and engineering or health research activities. Also referred to as Nonfaculty Researcher.

Other Federal sources—Financial support from U.S. federal agencies not listed elsewhere. Examples are the Fulbright program (State Department), the GI Bill (Department of Veterans Affairs) and various programs in the Department of Education.

Other support—All other mechanisms of support for graduate students or postdocs.

Other U.S. sources—Financial support from industrial firms, nonprofit institutions (e.g., independent research institutes, professional societies, philanthropic foundations), and all other sources of support originating within the United States. It does not include loans, family money, personal savings used by individuals supporting themselves, or federal or academic institutional sources of support.

Part-time Student—Use your own institution's policy and definition to count part-time students.

Password—Used with the user ID for the purpose of logging into the GSS Web survey. The password may be changed by the user by clicking on "Change password" in the menu at the top of the screen. The new password must be at least 8 characters in length and include a combination of upper- and lowercase letters, numbers, and symbols. School Coordinators can resend password and ID information to unit respondents on the Send or Resend ID/Password screen. See User ID.

Personal resources (for Postdocs)—The personal and family financial resources, including federal and other loans.

PhD or PhD equivalent Degree—An advanced, research-focused academic degree—typically, the highest degree granted in a particular field; includes doctorates such as PhD, ScD, DSc, DEng, DESc, DES, DNSc, DPH, EdD, DA, DBA, DMA, DM, DSW, DDES, DPA, DPE, DCM, DHL, DIT, DME, DML, ThD, DFA, JSD, SJD, STD, JCD.

Please report students based on the highest eligible degree in which the student is enrolled. If a student is enrolled in multiple eligible degree programs at the same level (e.g., two doctorate programs in GSS eligible fields), count the student in their primary degree program only. If a primary degree program cannot be established, please report under only one of the GSS eligible programs.

Postdoc Coordinator—Individual responsible for submitting the postdoc portion of the survey to NSF.

Postdoctoral Researcher or Postdoc—The definition of a postdoc varies by institution. Please use your institution's definition of a postdoc. NSF defines a postdoc as meeting both of the following qualifications:

1. Holds a recent doctoral degree, generally awarded within the last 5–7 years, such as
 - PhD or equivalent (e.g., ScD or DEng) or

- First professional degree in a medical or related field (MD, DDS, DO, DVM) **or**
 - Foreign degree equivalent to a U.S. doctoral degree.
2. Has a limited-term appointment, generally no more than 5–7 years,
- Primarily for training in research or scholarship **and**
 - Working under the supervision of a senior scholar in a unit affiliated with your institution.

Professional Degree (for Postdocs)—PhD equivalent medical degrees, such as MD, DO, DVM, DDS, DNP, DPM, PharmD, PsyD, DMD, ND, DC, OD, DPT, AuD, OTD, DSCTP.

Puerto Rico and U.S. Territories—U.S. territories include American Samoa, Guam, Federated States of Micronesia, the Northern Marianas, and the U.S. Virgin Islands.

Race—Only report race for U.S. citizens (including those from Puerto Rico and U.S. territories) and permanent residents. All foreign nationals holding temporary visas should be reported in Row A. The U.S. Office of Management and Budget defines race separately from ethnicity (please see entry for [Ethnicity](#) and [Hispanic/Latino](#)). The GSS survey uses the following definitions of race:

- **One race, American Indian or Alaska Native**—A person of only one race having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment
- **One race, Asian**—A person of only one race having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam
- **One race, Black or African American**—A person of only one race having origins in any of the black racial groups of Africa
- **One race, Native Hawaiian or Other Pacific Islander**—A person of only one race having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific islands
- **One race, White**—A person of only one race having origins in any of the original peoples of Europe, the Middle East, or North Africa
- **More than one race reported (non-Hispanic/Latino)**—Individuals reporting two or more of the race categories listed above. Individuals who report being Hispanic/Latino and one or more race, should be reported in Row B instead.

Race/ethnicity unknown or not stated—Use this category if neither the race nor the ethnicity of the individual is known. If the race is known, but the ethnicity is unknown, report the individual by race. If the individual is Hispanic or Latino but the race is unknown, report the individual as Hispanic/Latino.

Research Assistantships—A financial award given to a graduate student where most of the student's responsibilities are devoted primarily to research assistant activities.

Research Grant—A financial assistance award given to an organization or an individual postdoc that supports specific research goals.

Research Unit—Research centers, health care facilities, and other organizations at the academic institution that appoint postdoctoral researchers and/or employ doctorate-holding nonfaculty researchers. Also see [Organizational Unit](#) and [Teaching Unit](#).

School Coordinator—Person responsible for completing the GSS for the entire school or a portion of the institution.

Self-Support—Report students primarily supported by loans (including federal loans) or personal or family financial contributions.

Student's own resources—The personal and family financial resources, and federal and other loans.

Teaching Assistantships—A financial award given to a graduate student where most of the student's responsibilities are devoted primarily to teaching assistant activities.

Teaching Unit—Departments or programs that grant graduate-level degrees including master's or PhD or equivalent degrees (i.e., ScD, DEng). Do not include units that grant only professional degrees. Also see [Research Unit](#) and [Organizational Unit](#).

Traineeships—A financial award given to a graduate student or a postdoc selected by the institution.

Unit—See [Organizational Unit](#).

Unit Respondent—Person(s) responsible for reporting unit data to the School Coordinator.

Unknown or not stated—Use this category if the sources of financial support for the postdoc is unknown or cannot be determined.

User ID—A unique identification assigned to each user for the purpose of logging into the GSS online data collection system. Also referred to as [ID](#).

U.S. Citizens and Permanent Residents—U.S. citizens, including those from Puerto Rico and the U.S. territories, and permanent residents holding green cards.

THANK YOU

Please submit the information on this worksheet via data upload to the
GSS Web survey at
<https://gss2018.org>.

Or

Return your completed worksheet(s) to your School Coordinator in time to meet
February 28, 2019, deadline.

If your School Coordinator asks you to return your worksheet(s) directly by mail,
please send to:

NSF-NIH GSS Survey
c/o RTI International
3040 Cornwallis Road, P.O. Box 12194
Research Triangle Park, NC 27709-2194

Questions?

Call Ms. Jennifer Pauli toll-free at 1-866-558-0781,
or e-mail us at gss@rti.org.

Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS) Fall 2018

GSS Code List Complete List of GSS Eligible Fields and Codes

Contents:

Agricultural Science Fields.....	19
Natural Resources and Conservation	19
Biological and Biomedical Science Fields.....	20
Computer and Information Science Fields	21
Engineering Fields.....	22
Health Fields.....	23
Mathematics and Statistics Fields.....	25
Physical Science Fields	25
Psychology Fields.....	26
Multidisciplinary and Interdisciplinary Studies.....	28

Do not include certificate programs or units that only award professional degrees, such as AuD, DDS, DED, DN, DNP, DO, DPM, DPT, DScPT, JD, MLA, MD, ND, OD, OTD, PharmD, PsyD, or SLPD.

GSS Field Title	GSS Code	CIP Program Title
Agricultural Science Fields		
Agricultural Economics	901	<ul style="list-style-type: none"> • Agricultural Economics • Natural Resource Economics
Agricultural Sciences	501	<ul style="list-style-type: none"> • Agricultural and Horticultural Plant Breeding • Horticultural Science • Agricultural Animal Breeding • International Agriculture • Agriculture, General • Livestock Management • Agriculture, Agriculture Operations, and Related Sciences, Other • Ornamental Horticulture Plant Protection and Integrated Pest Management • Agroecology and Sustainable Agriculture • Plant Sciences, General • Agronomy and Crop Science • Plant Sciences, Other • Animal Health • Poultry Science • Animal Nutrition • Range Science and Management • Animal Sciences, General • Soil Chemistry and Physics • Animal Sciences, Other • Dairy Science • Soil Microbiology • Food Science • Soil Science and Agronomy • Food Science and Technology, Other • Soil Sciences, Other
Natural Resources and Conservation		
Environmental Science and Studies	510	<ul style="list-style-type: none"> • Environmental Science • Environmental Studies
<i>Natural Resources and Conservation continued next page</i>		

GSS Field Title	GSS Code	CIP Program Title	
Forestry, Natural Resources and Conservation	511	<ul style="list-style-type: none"> • Fishing and Fisheries Sciences and Management • Forest Management/Forest Resources Management • Forest Resources Production and Management • Forest Sciences and Biology • Forestry, General • Forestry, Other • Land Use Planning and Management/Development • Natural Resources and Conservation, Other • Natural Resources Conservation and Research, Other 	<ul style="list-style-type: none"> • Natural Resources Management and Policy • Natural Resources Management and Policy, Other • Natural Resources/Conservation, General • Urban Forestry • Water, Wetlands, and Marine Resources Management • Wildlife, Fish and Wildlands Science and Management • Wood Science and Wood Products/Pulp and Paper Technology

Biological and Biomedical Science Fields

Biochemistry	602	<ul style="list-style-type: none"> • Biochemistry • Biochemistry and Molecular Biology • Molecular Biochemistry 	<ul style="list-style-type: none"> • Biochemistry, Biophysics and Molecular Biology, Other
Biology	603	<ul style="list-style-type: none"> • Biology/Biological Sciences, General 	
Biomedical Sciences	623	<ul style="list-style-type: none"> • Biomedical Sciences, General 	
Biostatistics and Bioinformatics	618	<ul style="list-style-type: none"> • Bioinformatics • Biometry/Biometrics • Biostatistics 	<ul style="list-style-type: none"> • Computational Biology • Biomathematics, Bioinformatics and Computational Biology, Other
Biophysics	605	<ul style="list-style-type: none"> • Biophysics 	<ul style="list-style-type: none"> • Molecular Biophysics
Biotechnology	624	<ul style="list-style-type: none"> • Biotechnology 	
Botany and Plant Biology	606	<ul style="list-style-type: none"> • Botany/Plant Biology • Botany/Plant Biology, Other • Plant Molecular Biology 	<ul style="list-style-type: none"> • Plant Physiology • Plant Pathology/Phytopathology
Cell, Cellular Biology and Anatomical Sciences	619	<ul style="list-style-type: none"> • Anatomy • Cell Biology and Anatomy • Cell/Cellular and Molecular Biology • Cell/Cellular Biology and Histology 	<ul style="list-style-type: none"> • Developmental Biology and Embryology • Cell/Cellular Biology and Anatomical Sciences, Other
Ecology and Population Biology	620	<ul style="list-style-type: none"> • Aquatic Biology/Limnology • Ecology • Conservation Biology • Ecology, Evolution, Systematics and Population Biology, Other • Ecology and Evolutionary Biology 	<ul style="list-style-type: none"> • Environmental Biology • Evolutionary Biology • Population Biology • Systematic Biology/Biological Systematics
Epidemiology	621	<ul style="list-style-type: none"> • Epidemiology 	
Genetics	610	<ul style="list-style-type: none"> • Animal Genetics • Genetics, General • Genetics, Other • Genome Sciences/Genomics • Human/Medical Genetics 	<ul style="list-style-type: none"> • Microbial and Eukaryotic Genetics • Molecular Genetics • Plant Genetics

Biological and Biomedical Science Fields continued next page

GSS Field Title	GSS Code	CIP Program Title	
Microbiological Sciences and Immunology	611	<ul style="list-style-type: none"> • Immunology • Medical Microbiology and Bacteriology • Microbiological Sciences and Immunology, Other • Microbiology and Immunology 	<ul style="list-style-type: none"> • Microbiology, General • Mycology • Parasitology • Virology
Molecular Biology	622	<ul style="list-style-type: none"> • Molecular Biology • Photobiology 	<ul style="list-style-type: none"> • Radiation Biology/Radiobiology • Structural Biology
Neurobiology and Neuroscience	950	<ul style="list-style-type: none"> • Neuroanatomy • Neurobiology and Anatomy • Neurobiology and Behavior 	<ul style="list-style-type: none"> • Neuroscience • Neurobiology and Neurosciences, Other
Nutrition Science	612	<ul style="list-style-type: none"> • Nutrition Sciences 	
Pathology and Experimental Pathology	613	<ul style="list-style-type: none"> • Pathology/Experimental Pathology 	
Pharmacology and Toxicology	614	<ul style="list-style-type: none"> • Environmental Toxicology • Molecular Pharmacology • Molecular Toxicology • Neuropharmacology • Pharmacology 	<ul style="list-style-type: none"> • Pharmacology and Toxicology • Pharmacology and Toxicology, Other • Toxicology
Physiology	615	<ul style="list-style-type: none"> • Aerospace Physiology and Medicine • Cardiovascular Science • Cell Physiology • Endocrinology • Exercise Physiology • Molecular Physiology • Neurobiology and Neurophysiology 	<ul style="list-style-type: none"> • Oncology and Cancer Biology • Physiology, General • Physiology, Pathology, and Related Sciences, Other • Reproductive Biology • Vision Science/Physiological Optics
Zoology and Animal Biology	616	<ul style="list-style-type: none"> • Animal Behavior and Ethology • Animal Physiology • Entomology 	<ul style="list-style-type: none"> • Wildlife Biology • Zoology/Animal Biology • Zoology/Animal Biology, Other
Biological and Biomedical Sciences, not elsewhere classified	617	<ul style="list-style-type: none"> • Biological and Biomedical Sciences, Other 	<ul style="list-style-type: none"> • Molecular Medicine
Computer and Information Science Fields			
Computer Science (<i>exclude DCS</i>)	410	<ul style="list-style-type: none"> • Computer Science 	
Computer and Information Sciences, general (<i>exclude DCS</i>)	411	<ul style="list-style-type: none"> • Artificial Intelligence • Computer and Information Sciences, General • Computer and Information Sciences, Other 	<ul style="list-style-type: none"> • Informatics • Information Technology
Computer and Information Sciences, not elsewhere classified (<i>exclude DCS</i>)	412	<ul style="list-style-type: none"> • Computer and Information Sciences and Support Services, Other • Computer and Information Systems Security/Information Assurance • Computer Graphics • Computer Systems Analysis/Analyst • Computer Systems Networking and Telecommunications 	<ul style="list-style-type: none"> • Data Modeling/Warehousing and Database Administration • Information Science/Studies • Modeling, Virtual Environments and Simulation

GSS Field Title	GSS Code	CIP Program Title	
Geoscience, Atmospheric and Ocean Science Fields			
Atmospheric Sciences and Meteorology	301	<ul style="list-style-type: none"> • Atmospheric Chemistry and Climatology • Atmospheric Physics and Dynamics • Atmospheric Science and Meteorology, General 	<ul style="list-style-type: none"> • Atmospheric Science and Meteorology, Other • Meteorology
Geological and Earth Sciences	302	<ul style="list-style-type: none"> • Geochemistry • Geochemistry and Petrology • Geology/Earth Science, General • Geophysics and Seismology 	<ul style="list-style-type: none"> • Geological and Earth Sciences/Geosciences, Other • Hydrology and Water Resources Science • Paleontology
Ocean and Marine Sciences	303	<ul style="list-style-type: none"> • Marine Biology and Biological Oceanography • Marine Sciences 	<ul style="list-style-type: none"> • Oceanography, Chemical and Physical
Geoscience, Atmospheric and Ocean Sciences, not elsewhere classified (<i>Postdocs and NFRs only</i>)	304		
Engineering Fields			
Aerospace, Aeronautical, and Astronautical Engineering	101	<ul style="list-style-type: none"> • Aerospace, Aeronautical, and Astronautical/Space Engineering 	
Agricultural Engineering	102	<ul style="list-style-type: none"> • Agricultural Engineering 	
Biological and Biosystems Engineering	115	<ul style="list-style-type: none"> • Biological/Biosystems Engineering 	
Bioengineering and Biomedical Engineering	103	<ul style="list-style-type: none"> • Bioengineering and Biomedical Engineering 	<ul style="list-style-type: none"> • Biomedical Technology/Technician (<i>PD NFR Only</i>)
Chemical Engineering	104	<ul style="list-style-type: none"> • Biochemical Engineering • Chemical and Biomolecular Engineering • Chemical Engineering 	<ul style="list-style-type: none"> • Chemical Engineering, Other • Engineering Chemistry • Paper Science and Engineering • Polymer/Plastics Engineering
Civil Engineering	105	<ul style="list-style-type: none"> • Architectural Engineering • Civil Engineering, General • Civil Engineering, Other • Construction Engineering • Environmental/Environmental Health Engineering • Geotechnical and Geoenvironmental Engineering 	<ul style="list-style-type: none"> • Structural Engineering • Surveying Engineering • Transportation and Highway Engineering • Water Resources Engineering
Electrical, Electronics, and Communications Engineering	106	<ul style="list-style-type: none"> • Computer Engineering, General • Computer Engineering, Other • Computer Hardware Engineering • Computer Software Engineering • Electrical Engineering and Electronics Engineering 	<ul style="list-style-type: none"> • Electrical, Electronics and Communications Engineering, Other • Laser and Optical Engineering • Telecommunications Engineering
Engineering Mechanics, Physics, and Science	107	<ul style="list-style-type: none"> • Engineering Mechanics • Engineering Physics/Applied Physics 	<ul style="list-style-type: none"> • Engineering Science
Engineering Fields continued on next page			

GSS Field Title	GSS Code	CIP Program Title	
Industrial and Manufacturing Engineering	108	<ul style="list-style-type: none"> • Industrial Engineering • Manufacturing Engineering 	<ul style="list-style-type: none"> • Operations Research • Systems Engineering
Mechanical Engineering	109	<ul style="list-style-type: none"> • Electromechanical Engineering • Mechanical Engineering 	<ul style="list-style-type: none"> • Mechatronics, Robotics, and Automation Engineering
Metallurgical and Materials Engineering	110	<ul style="list-style-type: none"> • Ceramic Sciences and Engineering • Materials Engineering • Metallurgical Engineering 	<ul style="list-style-type: none"> • Textile Sciences and Engineering
Mining and Mineral Engineering	111	<ul style="list-style-type: none"> • Geological/Geophysical Engineering 	<ul style="list-style-type: none"> • Mining and Mineral Engineering
Nuclear Engineering	112	<ul style="list-style-type: none"> • Nuclear Engineering 	
Petroleum Engineering	113	<ul style="list-style-type: none"> • Petroleum Engineering 	
Engineering, not elsewhere classified	114	<ul style="list-style-type: none"> • Engineering Design • Engineering, General • Engineering, Other • Forest Engineering 	<ul style="list-style-type: none"> • Naval Architecture and Marine Engineering • Ocean Engineering
Nanotechnology	116	<ul style="list-style-type: none"> • Nanotechnology 	
Health Fields			
Anesthesiology (<i>Postdocs and NFRs only</i>)	701	<ul style="list-style-type: none"> • Anesthesiology 	
Cardiology and Cardiovascular Disease (<i>Postdocs and NFRs only</i>)	702	<ul style="list-style-type: none"> • Cardiology 	<ul style="list-style-type: none"> • Cardiovascular Diseases • Pediatric Cardiology
Communication Disorders Sciences (<i>exclude AuD and SLPD</i>)	723	<ul style="list-style-type: none"> • Audiology/Audiologist • Audiology/Audiologist and Speech-Language Pathology/Pathologist • Communication Sciences and Disorders, General 	<ul style="list-style-type: none"> • Communication Disorders Sciences and Services, Other • Speech-Language Pathology/Pathologist
Dental Sciences (<i>exclude DDS</i>)	718	<ul style="list-style-type: none"> • Advanced/Graduate Dentistry and Oral Sciences, Other • Advanced General Dentistry (<i>PD/NFR only</i>) • Dental Clinical Sciences, General • Dental Materials • Dental Public Health and Education • Dentistry (<i>PD/NFR only</i>) 	<ul style="list-style-type: none"> • Endodontics/Endodontology • Oral Biology and Oral and Maxillofacial Pathology • Oral/Maxillofacial Surgery • Orthodontics/Orthodontology • Pediatric Dentistry/Pedodontics • Periodontics/Periodontology • Prosthodontics/Prosthodontology
Endocrinology, Diabetes, and Metabolism (<i>Postdocs and NFRs only</i>)	704	<ul style="list-style-type: none"> • Endocrinology, Diabetes, and Metabolism 	<ul style="list-style-type: none"> • Pediatric Endocrinology
Gastroenterology (<i>Postdocs and NFRs only</i>)	705	<ul style="list-style-type: none"> • Gastroenterology 	
Hematology (<i>Postdocs and NFRs only</i>)	706	<ul style="list-style-type: none"> • Hematology 	<ul style="list-style-type: none"> • Pediatric Hematology
Neurology and Neurosurgery (<i>Postdocs and NFRs only</i>)	707	<ul style="list-style-type: none"> • Neurology 	<ul style="list-style-type: none"> • Neurosurgery
Nursing Science (<i>exclude ND and DNP</i>)	719	<ul style="list-style-type: none"> • Nursing Science 	
Health Fields continued on next page			

GSS Field Title	GSS Code	CIP Program Title	
Nursing (<i>exclude Master's, ND, and DNP</i>)	719	<ul style="list-style-type: none"> • Nursing Administration • Nurse Anesthetist • Registered Nursing/Registered Nurse 	<ul style="list-style-type: none"> • Registered Nursing, Nursing Administration, Nursing Research, and Clinical Nursing, Other
Obstetrics and Gynecology (<i>Postdocs and NFRs only</i>)	708	<ul style="list-style-type: none"> • Gynecology 	<ul style="list-style-type: none"> • Obstetrics
Oncology and Cancer Research (<i>Postdocs and NFRs only</i>)	703	<ul style="list-style-type: none"> • Cancer Research • Medical Oncology 	<ul style="list-style-type: none"> • Oncology Research • Pediatric Oncology
Ophthalmology (<i>Postdocs and NFRs only</i>)	709	<ul style="list-style-type: none"> • Ophthalmology 	
Otorhinolaryngology (<i>Postdocs and NFRs only</i>)	710	<ul style="list-style-type: none"> • Otorhinolaryngology 	
Pediatrics (<i>Postdocs and NFRs only</i>)	711	<ul style="list-style-type: none"> • Pediatrics 	<ul style="list-style-type: none"> • Prematurity and Newborn
Pharmaceutical Sciences (<i>exclude PharmD</i>)	720	<ul style="list-style-type: none"> • Clinical and Industrial Drug Development • Industrial and Physical Pharmacy and Cosmetic Sciences • Medicinal and Pharmaceutical Chemistry • Natural Products Chemistry and Pharmacognosy • Pharmaceutical Sciences • Pharmaceutics and Drug Design 	<ul style="list-style-type: none"> • Pharmacoeconomics/Pharmaceutical Economics • Pharmacy (<i>PD/NFR only</i>) • Pharmacy Administration and Pharmacy Policy and Regulatory Affairs (<i>exclude Master's</i>) • Pharmacy, Pharmaceutical Sciences, and Administration, Other (<i>exclude Master's</i>)
Public Health	712	<ul style="list-style-type: none"> • Community Health and Preventive Medicine • Environmental Health • Health/Medical Physics • International Public Health/International Health 	<ul style="list-style-type: none"> • Maternal and Child Health • Occupational Health and Industrial Hygiene • Public Health Education and Promotion • Public Health, General • Public Health, Other
Psychiatry (<i>Postdocs and NFRs only</i>)	713	<ul style="list-style-type: none"> • Behavioral Medicine (clinical) 	<ul style="list-style-type: none"> • Child Psychiatry
Pulmonary Disease (<i>Postdocs and NFRs only</i>)	714	<ul style="list-style-type: none"> • Pulmonary Disease 	
Radiological Sciences (<i>Postdocs and NFRs only</i>)	715	<ul style="list-style-type: none"> • Nuclear Radiology • Radiation Oncology 	<ul style="list-style-type: none"> • Radiological Physics
Surgery (<i>Postdocs and NFRs only</i>)	716	<ul style="list-style-type: none"> • Orthopedics/Orthopedic Surgery 	<ul style="list-style-type: none"> • Surgery

Health Fields continued on next page

GSS Field Title	GSS Code	CIP Program Title	
Veterinary Biomedical and Clinical Sciences (<i>exclude DVM</i>)	721	<ul style="list-style-type: none"> • Comparative and Laboratory Animal Medicine • Large Animal/Food Animal and Equine Surgery and Medicine • Small/Companion Animal Surgery and Medicine • Veterinary Anatomy • Veterinary Biomedical and Clinical Sciences, Other • Veterinary Infectious Diseases • Veterinary Medicine (<i>PD/NFR only</i>) 	<ul style="list-style-type: none"> • Veterinary Microbiology and Immunobiology • Veterinary Pathology and Pathobiology • Veterinary Physiology • Veterinary Preventive Medicine, Epidemiology, and Public Health • Veterinary Sciences/Veterinary and Clinical Sciences, General • Veterinary Toxicology and Pharmacology
Clinical Medicine, not elsewhere classified (<i>exclude DN, DO, DPM, MD and OD</i>)	717	<ul style="list-style-type: none"> • Aerospace Medicine • Allergy and Immunology Medicine • Clinical Laboratory Medicine • Clinical/Medical Laboratory Science and Allied Professions, Other (<i>exclude Master's</i>) • Complementary and Alternative Medicine • Connective Tissue Diseases • Critical Care Medicine • Dermatology • Diabetes • Emergency Medicine • Gene Therapy 	<ul style="list-style-type: none"> • HIV/AIDS • Infectious Diseases • Internal Medicine • Liver Diseases • Medical Scientist (<i>exclude MD</i>) • Metabolic diseases • Nephrology • Occupational Medicine • Palliative Care • Physical Medicine and Rehabilitation/Physiatry • Trauma • Urology
Health-Related, not elsewhere classified (<i>exclude DPT, DScPT, and OTD</i>)	722	<ul style="list-style-type: none"> • Bioethics/Medical Ethics • Health Professions and Related Clinical Sciences, Other (<i>exclude Master's</i>) • Health Services/Allied Health/Health Sciences, General • Kinesiology and Exercise Science 	<ul style="list-style-type: none"> • Medical Informatics • Occupational Therapy/Therapist (<i>exclude Master's and OTD</i>) • Physical Therapy/Therapist (<i>exclude Master's, DPT and DScPT</i>) • Rehabilitation Science
Interdisciplinary Fields – see <i>Multidisciplinary and Interdisciplinary Studies</i> on page 10			
Mathematics and Statistics Fields			
Mathematics and Applied Mathematics	402	<ul style="list-style-type: none"> • Algebra and Number Theory • Analysis and Functional Analysis • Applied Mathematics, General • Applied Mathematics, Other • Computational Mathematics • Computational and Applied Mathematics 	<ul style="list-style-type: none"> • Financial Mathematics • Geometry/Geometric Analysis • Mathematics, General • Mathematics, Other • Mathematical Biology • Topology and Foundations
Statistics	403	<ul style="list-style-type: none"> • Mathematics and Statistics • Mathematics and Statistics, Other • Mathematical Statistics and Probability 	<ul style="list-style-type: none"> • Statistics, General • Statistics, Other
Multidisciplinary Fields – see <i>Multidisciplinary and Interdisciplinary Studies</i> on page 10			
Physical Science Fields			
Astronomy and Astrophysics	201	<ul style="list-style-type: none"> • Astronomy • Astronomy and Astrophysics, Other • Astrophysics 	<ul style="list-style-type: none"> • Planetary Astronomy and Science
Physical Science Fields continued on next page			

GSS Field Title	GSS Code	CIP Program Title
Chemistry	202	<ul style="list-style-type: none"> • Analytical Chemistry • Chemical Physics • Chemistry, General • Chemistry, Other • Environmental Chemistry • Forensic Chemistry <ul style="list-style-type: none"> • Inorganic Chemistry • Organic Chemistry • Physical Chemistry • Polymer Chemistry • Theoretical Chemistry
Materials Sciences	205	<ul style="list-style-type: none"> • Materials Chemistry • Materials Science <ul style="list-style-type: none"> • Materials Sciences, Other
Physics	203	<ul style="list-style-type: none"> • Acoustics • Atomic/Molecular Physics • Condensed Matter and Materials Physics • Elementary Particle Physics • Nuclear Physics • Optics/Optical Sciences <ul style="list-style-type: none"> • Physics, General • Physics, Other • Plasma and High-Temperature Physics • Theoretical and Mathematical Physics
Physical Sciences, not elsewhere classified	204	<ul style="list-style-type: none"> • Physical Sciences <ul style="list-style-type: none"> • Physical Sciences, Other
Psychology Fields		
Clinical Psychology (<i>exclude PsyD</i>)	803	<ul style="list-style-type: none"> • Clinical Psychology <ul style="list-style-type: none"> • Clinical Child Psychology
Counseling and Applied Psychology (<i>exclude PsyD</i>)	804	<ul style="list-style-type: none"> • Applied Behavior Analysis • Applied Psychology • Clinical, Counseling and Applied Psychology, Other • Community Psychology • Counseling Psychology • Educational Psychology • Environmental Psychology • Family Psychology <ul style="list-style-type: none"> • Forensic Psychology • Geropsychology • Industrial and Organizational Psychology • Health/Medical Psychology • Personality Psychology • Psychology, Other • School Psychology • Social Psychology
Psychology, General (<i>exclude PsyD</i>)	801	<ul style="list-style-type: none"> • Psychology, General
Research and Experimental Psychology (<i>exclude PsyD</i>)	805	<ul style="list-style-type: none"> • Cognitive Psychology and Psycholinguistics • Comparative Psychology • Developmental and Child Psychology • Experimental Psychology • Psychopharmacology <ul style="list-style-type: none"> • Physiological Psychology/ Psychobiology • Psychometrics and Quantitative Psychology • Research and Experimental Psychology, Other
Social Science Fields		
Anthropology	902	<ul style="list-style-type: none"> • Anthropology • Anthropology, Other • Cultural Anthropology <ul style="list-style-type: none"> • Medical Anthropology • Physical and Biological Anthropology
Criminal Justice – Safety Studies	911	<ul style="list-style-type: none"> • Criminal Justice/Safety Studies
Economics	903	<ul style="list-style-type: none"> • Applied Economics • Development Economics and International Development • Economics, General <ul style="list-style-type: none"> • Economics, Other • Econometrics and Quantitative Economics • International Economics
Social Science Fields continued on next page		

GSS Field Title	GSS Code	CIP Program Title	
Geography and Cartography	904	<ul style="list-style-type: none"> • Geographic Information Science and Cartography • Geography 	<ul style="list-style-type: none"> • Geography, Other
History and Philosophy of Science and Technology	905	<ul style="list-style-type: none"> • History and Philosophy of Science and Technology 	
Human Development	915	<ul style="list-style-type: none"> • Adult Development and Aging • Child Development 	<ul style="list-style-type: none"> • Human Development and Family Studies, General
International Relations and National Security Studies	912	<ul style="list-style-type: none"> • International Relations and Affairs • International Relations and National Security Studies, Other 	<ul style="list-style-type: none"> • National Security Policy Studies
Linguistics	906	<ul style="list-style-type: none"> • Applied Linguistics • Linguistics 	<ul style="list-style-type: none"> • Linguistics of ASL and Other Sign Languages
Political Science and Government	907	<ul style="list-style-type: none"> • American Government and Politics (United States) • Canadian Government and Politics • Political Economy 	<ul style="list-style-type: none"> • Political Science and Government, General • Political Science and Government, Other
Public Policy Analysis	914	<ul style="list-style-type: none"> • Education Policy Analysis • Health Policy Analysis • International Policy Analysis 	<ul style="list-style-type: none"> • Public Policy Analysis, General • Public Policy Analysis, Other
Sociology	908	<ul style="list-style-type: none"> • Demography and Population Studies • Rural Sociology 	<ul style="list-style-type: none"> • Sociology • Sociology and Anthropology (combined program)

Social Science Fields continued on next page

GSS Field Title	GSS Code	CIP Program Title
Social Sciences, not elsewhere classified	910	<ul style="list-style-type: none"> • African Studies • African-American/Black Studies • American Indian/Native American Studies • American/United States Studies/Civilization • Archeology • Area Studies, Other • Asian Studies/Civilization • Asian-American Studies • Balkans Studies • Baltic Studies • Canadian Studies • Caribbean Studies • Chinese Studies • Commonwealth Studies • Criminology • Deaf Studies • Disability Studies • East Asian Studies • Ethnic, Cultural Minority, Gender, and Group Studies, Other • Ethnic Studies • European Studies/Civilization • Folklore Studies • French Studies • Gay/Lesbian Studies • German Studies • Hispanic-American, Puerto Rican, and Mexican-American/ Chicano Studies • Irish Studies • Italian Studies • Japanese Studies • Korean Studies • Latin American and Caribbean Studies • Latin American Studies • Near and Middle Eastern Studies • Pacific Area/Pacific Rim Studies • Polish Studies • Regional Studies (US, Canadian, Foreign) • Research Methodology and Quantitative Methods • Russian, Central European, East European and Eurasian Studies • Russian Studies • Scandinavian Studies • Slavic Studies • Social Sciences, General • Social Sciences, Other • South Asian Studies • Southeast Asian Studies • Spanish and Iberian Studies • Tibetan Studies • Ukraine Studies • Ural-Altai and Central Asian Studies • Urban Studies/Affairs • Western European Studies • Women's Studies
Multidisciplinary and Interdisciplinary Studies		
Multidisciplinary and Interdisciplinary Studies <i>(include only programs with a science, engineering or health field component)</i>	980	<ul style="list-style-type: none"> • Accounting and Computer Science (combined program) • Behavioral Sciences • Biological and Physical Sciences • Biopsychology • Cognitive Science • Computational Science • Gerontology • Holocaust and Related Studies • Human Biology • Human Computer Interaction • Intercultural/Multicultural and Diversity Studies • International/Global Studies • Mathematics and Computer Science (combined program) • Natural Sciences • Peace Studies and Conflict Resolution • Science, Technology and Society • Systems Science and Theory