

TABLE 4-17b

**Biological, biomedical, and biosystems engineering postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2020**

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	116	16.3	84	11.8
Schools	125	15.5	87	10.8
Units	156	0.7	102	0.5
All individuals	1,696	100.0	525	100.0
Male	1,089	64.2	332	63.2
Female	607	35.8	193	36.8
U.S. citizens and permanent residents <sup>a</sup>	726	42.8	na	na
Hispanic or Latino	39	2.3	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	3	0.2	na	na
Asian	201	11.9	na	na
Black or African American	30	1.8	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	386	22.8	na	na
More than one race	17	1.0	na	na
Unknown ethnicity and race	50	2.9	na	na
Temporary visa holders	970	57.2	na	na
Primary source of support				
Federal	976	57.5	na	na
Nonfederal <sup>b</sup>	639	37.7	na	na
Personal resources	5	0.3	na	na
Unknown or not stated	76	4.5	na	na
Primary mechanism of support				
Fellowships	157	9.3	na	na
Research grants	1,226	72.3	na	na
Traineeships	48	2.8	na	na
Other types of support	265	15.6	na	na
Degree type <sup>c</sup>				
Doctoral degree	1,260	74.3	431	82.1
Professional degree	42	2.5	19	3.6
Dual degree	23	1.4	4	0.8
Doctoral degree type unknown	371	21.9	71	13.5
Degree origin				
United States	640	37.7	na	na
Foreign country	433	25.5	na	na
Unknown	623	36.7	na	na

na = not applicable; citizenship, race and ethnicity, source of support, mechanism of support, and degree origin data are not collected for doctorate-holding nonfaculty researchers.

<sup>a</sup> Ethnicity and race data are available only for U.S. citizens and permanent residents.

<sup>b</sup> Nonfederal includes foreign support.

<sup>c</sup> Doctoral degree includes PhD, ScD, DEng, etc.; professional degree includes MD, DVM, DO, DDS, etc.; dual degree includes both professional and doctoral degrees (MD-PhD, DVM-PhD, etc.).

**Note(s):**

"Field" refers to the field of the unit that reports postdoctorates and doctorate-holding nonfaculty researchers to the Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS). Percentages may not add to total because of rounding. For more information on the mapping of GSS fields and codes, see technical table A-17.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2020.