

TABLE 4-17b

Biological, biomedical, and biosystems engineering postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2021

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	114	16.3	85	12.2
Schools	119	15.1	86	10.9
Units	146	0.7	102	0.5
All individuals	1,616	100.0	589	100.0
Male	1,016	62.9	375	63.7
Female	600	37.1	214	36.3
U.S. citizens and permanent residents ^a	690	42.7	na	na
Hispanic or Latino	50	3.1	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	2	0.1	na	na
Asian	187	11.6	na	na
Black or African American	24	1.5	na	na
Native Hawaiian or Other Pacific Islander	1	0.1	na	na
White	353	21.8	na	na
More than one race	13	0.8	na	na
Unknown ethnicity and race	60	3.7	na	na
Temporary visa holders	926	57.3	na	na
Primary source of support				
Federal	952	58.9	na	na
Nonfederal ^b	595	36.8	na	na
Personal resources	7	0.4	na	na
Unknown or not stated	62	3.8	na	na
Primary mechanism of support				
Fellowships	150	9.3	na	na
Research grants	1,147	71.0	na	na
Traineeships	55	3.4	na	na
Other types of support	264	16.3	na	na
Degree type ^c				
Doctoral degree	1,202	74.4	466	79.1
Professional degree	70	4.3	34	5.8
Dual degree	26	1.6	9	1.5
Doctoral degree type unknown	318	19.7	80	13.6
Degree origin				
United States	640	39.6	na	na
Foreign country	434	26.9	na	na
Unknown	542	33.5	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.

^a Ethnicity and race data are available only for U.S. citizens and permanent residents.

^b Nonfederal includes foreign support.

^c 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, 2021.