

TABLE 4-17b

Biological, biomedical, and biosystems engineering postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2023

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	124	18.0	87	12.7
Schools	129	16.8	89	11.6
Units	156	0.7	126	0.6
All individuals	1,594	100.0	674	100.0
Male	964	60.5	403	59.8
Female	630	39.5	271	40.2
U.S. citizens and permanent residents ^a	667	41.8	na	na
Hispanic or Latino	59	3.7	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	1	0.1	na	na
Asian	162	10.2	na	na
Black or African American	23	1.4	na	na
Native Hawaiian or Other Pacific Islander	1	0.1	na	na
White	329	20.6	na	na
More than one race	18	1.1	na	na
Unknown ethnicity and race	74	4.6	na	na
Temporary visa holders	927	58.2	na	na
Primary source of support				
Federal	881	55.3	na	na
Nonfederal ^b	569	35.7	na	na
Personal resources	5	0.3	na	na
Unknown or not stated	139	8.7	na	na
Primary mechanism of support				
Fellowships	115	7.2	na	na
Research grants	1,108	69.5	na	na
Traineeships	67	4.2	na	na
Other types of support	304	19.1	na	na
Degree type ^c				
Doctoral degree	1,212	76.0	515	76.4
Professional degree	48	3.0	24	3.6
Dual degree	20	1.3	12	1.8
Doctoral degree type unknown	314	19.7	123	18.2
Degree origin				
United States	574	36.0	na	na
Foreign country	519	32.6	na	na

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Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Unknown	501	31.4	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):

For postdoctoral appointees and doctorate-holding nonfaculty researchers, "field" refers to the field of the unit that reports information on these groups 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, 2023.