

TABLE 4-17b

Biological, biomedical, and biosystems engineering postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2022

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	116	16.8	92	13.3
Schools	121	15.6	93	12.0
Units	145	0.6	124	0.6
All individuals	1,540	100.0	685	100.0
Male	947	61.5	422	61.6
Female	593	38.5	263	38.4
U.S. citizens and permanent residents ^a	645	41.9	na	na
Hispanic or Latino	49	3.2	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	1	0.1	na	na
Asian	171	11.1	na	na
Black or African American	24	1.6	na	na
Native Hawaiian or Other Pacific Islander	1	0.1	na	na
White	324	21.0	na	na
More than one race	14	0.9	na	na
Unknown ethnicity and race	61	4.0	na	na
Temporary visa holders	895	58.1	na	na
Primary source of support				
Federal	881	57.2	na	na
Nonfederal ^b	595	38.6	na	na
Personal resources	8	0.5	na	na
Unknown or not stated	56	3.6	na	na
Primary mechanism of support				
Fellowships	142	9.2	na	na
Research grants	1,075	69.8	na	na
Traineeships	67	4.4	na	na
Other types of support	256	16.6	na	na
Degree type ^c				
Doctoral degree	1,210	78.6	515	75.2
Professional degree	55	3.6	42	6.1
Dual degree	29	1.9	10	1.5
Doctoral degree type unknown	246	16.0	118	17.2
Degree origin				
United States	621	40.3	na	na
Foreign country	494	32.1	na	na
Unknown	425	27.6	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, 2022.