

Table 14: U.S. Medical School Faculty by Gender, Degree, and Department, 2020



The table below displays the number of full-time faculty at all U.S. medical schools as of December 31, 2020 by gender, degree type, and department classification. By way of background, the Faculty Roster utilizes the official name given to each department by each medical school. The AAMC department classification is a way to group disparately named (but similar) departments across medical schools. As an example, a medical school could have separate departments of Neurosurgery and Cardiothoracic Surgery. These departments would appear in the Faculty Roster under their official names, but both would be reported in the Surgery department classification. The "MD and PhD or MD and Other Doctoral Degree" break out includes faculty who hold both an MD or equivalent degree and a PhD or other doctoral degree, regardless of whether the degrees were earned simultaneously. "Other Doctoral Degree" includes doctorates in dentistry, veterinary medicine, public health, optometry, and other fields.

| Department | MD only | | PhD or Other Doctoral Degree | | MD and PhD or MD and Other Doctoral Degree | | Other | | Unknown | | Total |
|-------------------------------------|---------------|---------------|------------------------------|---------------|--|--------------|--------------|--------------|--------------|--------------|----------------|
| | Men | Women | Men | Women | Men | Women | Men | Women | Men | Women | |
| <i>Basic Sciences</i> | | | | | | | | | | | |
| Anatomy | 32 | 13 | 764 | 456 | 91 | 21 | 9 | 9 | 46 | 22 | 1,463 |
| Biochemistry | 32 | 16 | 1,519 | 651 | 131 | 41 | 10 | 10 | 42 | 26 | 2,478 |
| Microbiology | 40 | 16 | 1,091 | 603 | 110 | 50 | 3 | 16 | 42 | 28 | 1,999 |
| Pathology (Basic Science) | 341 | 306 | 278 | 174 | 142 | 63 | 9 | 22 | 7 | 2 | 1,344 |
| Pharmacology | 40 | 25 | 1,121 | 533 | 104 | 41 | 9 | 5 | 52 | 37 | 1,967 |
| Physiology | 31 | 12 | 857 | 384 | 97 | 23 | 3 | 4 | 37 | 19 | 1,467 |
| Other Basic Sciences | 772 | 357 | 3,998 | 2,765 | 475 | 206 | 110 | 258 | 123 | 124 | 9,188 |
| Subtotal | 1,288 | 745 | 9,628 | 5,566 | 1,150 | 445 | 153 | 324 | 349 | 258 | 19,906 |
| <i>Clinical Sciences</i> | | | | | | | | | | | |
| Anesthesiology | 5,014 | 2,784 | 307 | 209 | 498 | 142 | 176 | 301 | 50 | 103 | 9,584 |
| Dermatology | 495 | 652 | 113 | 74 | 143 | 101 | 5 | 12 | 7 | 11 | 1,613 |
| Emergency Medicine | 3,644 | 2,163 | 65 | 73 | 125 | 57 | 58 | 125 | 33 | 46 | 6,389 |
| Family Practice | 2,470 | 2,531 | 250 | 479 | 107 | 95 | 74 | 285 | 38 | 74 | 6,403 |
| Internal Medicine | 21,631 | 14,923 | 2,487 | 2,234 | 2,356 | 1,034 | 175 | 758 | 241 | 362 | 46,201 |
| Neurology | 2,540 | 1,802 | 601 | 579 | 643 | 321 | 18 | 101 | 29 | 51 | 6,685 |
| Obstetrics & Gynecology | 1,905 | 3,755 | 211 | 267 | 142 | 165 | 8 | 359 | 11 | 104 | 6,927 |
| Ophthalmology | 1,199 | 807 | 412 | 343 | 231 | 130 | 5 | 10 | 30 | 26 | 3,193 |
| Orthopedic Surgery | 2,914 | 581 | 310 | 177 | 176 | 27 | 57 | 104 | 30 | 33 | 4,409 |
| Otolaryngology | 1,199 | 464 | 188 | 232 | 128 | 46 | 7 | 82 | 12 | 62 | 2,420 |
| Pathology (Clinical) | 1,264 | 1,264 | 718 | 521 | 778 | 393 | 19 | 50 | 29 | 27 | 5,063 |
| Pediatrics | 7,776 | 11,581 | 1,108 | 1,616 | 876 | 657 | 87 | 867 | 59 | 331 | 24,958 |
| Physical Medicine & Rehabilitation | 656 | 515 | 207 | 286 | 43 | 28 | 21 | 45 | 17 | 32 | 1,850 |
| Psychiatry | 3,128 | 2,856 | 1,566 | 2,944 | 496 | 295 | 91 | 316 | 86 | 218 | 11,996 |
| Public Health & Preventive Medicine | 155 | 128 | 160 | 225 | 21 | 7 | 6 | 19 | 9 | 30 | 760 |
| Radiology | 4,729 | 2,239 | 1,543 | 504 | 715 | 181 | 99 | 93 | 110 | 46 | 10,259 |
| Surgery | 10,334 | 3,231 | 973 | 668 | 1,031 | 235 | 177 | 519 | 103 | 141 | 17,412 |
| Other Clinical Sciences | 2,237 | 1,149 | 489 | 503 | 214 | 98 | 33 | 95 | 44 | 54 | 4,916 |
| Subtotal | 73,290 | 53,425 | 11,708 | 11,934 | 8,723 | 4,012 | 1,116 | 4,141 | 938 | 1,751 | 171,038 |
| <i>Other</i> | | | | | | | | | | | |
| Dentistry | 2 | 0 | 18 | 17 | 4 | 0 | 0 | 0 | 0 | 0 | 41 |
| Other Health Professions | 11 | 18 | 120 | 201 | 5 | 4 | 57 | 132 | 6 | 30 | 584 |
| Social Sciences | 21 | 25 | 22 | 60 | 5 | 5 | 1 | 7 | 1 | 0 | 147 |
| Veterinary Sciences | 0 | 0 | 4 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| All Others | 111 | 77 | 225 | 219 | 42 | 18 | 42 | 97 | 13 | 26 | 870 |
| Subtotal | 145 | 120 | 389 | 508 | 56 | 27 | 100 | 236 | 20 | 56 | 1,657 |
| Total | 74,723 | 54,290 | 21,725 | 18,008 | 9,929 | 4,484 | 1,369 | 4,701 | 1,307 | 2,065 | 192,601 |

Note: This table excludes 206 faculty with missing gender data.

Source: AAMC Faculty Roster, December 31, 2020 snapshot, as of December 31, 2022.