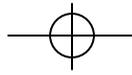


# Schools of Medicine

## THE TOP SCHOOLS • RESEARCH

Rank/School	Overall score	Peer assessment score (5.0 highest)	Assessment score by residency directors (5.0 highest)	'04 average undergrad GPA	'04 average MCAT score	'04 acceptance rate	'04 NIH research grants (in millions)	'04 NIH research grants per faculty member (in thousands)	'04 faculty/student ratio	'04 out-of-state tuition and fees	'04 total medical school enrollment
1. Harvard University (MA)	100	4.9	4.8	3.79	11.7	4.9%	\$1,167.6	\$171.5	9.5	\$37,400	714
2. Johns Hopkins University (MD)	82	4.9	4.8	3.83	11.4	5.8%	\$445.6	\$204.5	4.5	\$34,732	481
3. Washington University in St. Louis	81	4.6	4.4	3.86	12.2	10.6%	\$390.9	\$268.8	2.6	\$38,330	570
4. University of Pennsylvania	80	4.6	4.4	3.79	11.5	5.7%	\$487.9	\$239.0	3.4	\$37,937	600
5. University of California—San Francisco	77	4.7	4.5	3.77	10.8	4.7%	\$414.4	\$262.1	2.6	\$32,716	602
6. Duke University (NC)	75	4.7	4.6	3.80	11.7	3.9%	\$311.3 *	\$191.7 *	4.3	\$37,000	382
7. University of Washington	74	4.4	4.1	3.67	10.4	7.2%	\$506.2	\$262.8	2.4	\$31,916	795
8. Stanford University (CA)	73	4.6	4.5	3.72	10.9	3.1%	\$242.5 *	\$332.1 *	1.6	\$37,366	459
9. University of Michigan—Ann Arbor	71	4.5	4.5	3.73	11.4	8.7%	\$294.0	\$162.8	2.6	\$32,801	682
10. Columbia U. Col. of Physicians and Surgeons (NY)	70	4.3	4.4	3.79	11.7	11.5%	\$282.5	\$123.7	3.7	\$39,931	616
11. University of California—Los Angeles (Geffen)	69	4.1	4.0	3.72	10.9	4.5%	\$413.3	\$198.3	3.0	\$32,028	695
Yale University (CT)	69	4.3	4.3	3.73	11.3	6.3%	\$287.4	\$190.1	3.4	\$35,865	442
13. Baylor College of Medicine (TX)	68	3.9	3.9	3.74	11.1	7.3%	\$409.6	\$225.2	2.7	\$22,658	666
14. Cornell University (Weill) (NY)	66	4.1	4.2	3.71	11.5	4.3%	\$271.1	\$144.3	4.7	\$32,300	399
University of California—San Diego	66	4.0	3.9	3.73	10.8	6.0%	\$242.9	\$302.9	1.6	\$32,417	508
16. University of Pittsburgh	64	4.0	4.0	3.68	10.7	8.9%	\$303.3	\$177.2	3.0	\$37,152	573
17. U. of Texas Southwestern Medical Center—Dallas	63	4.3	4.1	3.80	10.8	11.8%	\$201.8 *	\$136.0 *	1.7	\$22,807	884
Vanderbilt University (TN)	63	4.1	4.0	3.74	11.2	8.0%	\$235.9	\$159.1	3.6	\$33,971	411
19. University of Chicago (Pritzker)	62	4.0	4.1	3.64	10.5	7.6%	\$204.0	\$263.9	1.8	\$33,143	419
20. Case Western Reserve University (OH)	59	3.7	3.8	3.60	11.0	9.7%	\$261.8	\$154.5	2.8	\$38,604	608
Emory University (GA)	59	3.9	4.0	3.73	11.0	9.3%	\$186.7	\$112.5	3.7	\$34,727	454
Northwestern University (Feinberg) (IL)	59	3.8	4.0	3.70	11.1	5.7%	\$193.4	\$112.9	2.5	\$38,467	695
23. Mayo Medical School (MN)	58	3.7	4.1	3.82	10.9	2.9%	\$188.2	\$90.5	12.5	\$25,500	166
University of Alabama—Birmingham	58	3.9	3.8	3.70	9.8	14.0%	\$220.9	\$216.7	1.5	\$34,896	689
University of North Carolina—Chapel Hill	58	3.9	4.0	3.60	10.4	7.3%	\$201.5	\$167.1	1.9	\$34,243	647
26. University of Virginia	56	3.7	3.9	3.70	10.6	8.6%	\$133.2 *	\$154.5 *	1.6	\$36,574	551
University of Wisconsin—Madison	56	3.6	3.8	3.73	10.3	11.4%	\$202.4	\$191.0	1.7	\$32,802	612
28. Boston University	55	3.2	3.5	3.61	10.4	4.8%	\$334.8	\$279.2	1.9	\$38,440	628
University of Iowa (Roy J. & Lucille A. Carver)	55	3.7	3.8	3.72	10.2	12.7%	\$141.3	\$163.2	1.5	\$38,355	581
30. U. of Colorado—Denver and Health Sciences Ctr.	53	3.6	3.5	3.70	10.5	9.1%	\$178.5	\$125.5	2.6	\$69,473	552
University of Rochester (NY)	53	3.6	3.6	3.75	10.5	7.8%	\$137.6	\$109.7	3.0	\$36,115	425
32. Mount Sinai School of Medicine (NY)	52	3.4	3.6	3.64	11.0	6.0%	\$158.2	\$72.9	4.5	\$35,320	479
New York University	52	3.4	3.7	3.70	11.0	13.1%	\$141.6	\$89.8	2.2	\$32,555	702
University of Southern California (Keck)	52	3.3	3.4	3.60	10.9	7.1%	\$175.9	\$147.9	1.8	\$38,565	662
35. Dartmouth Medical School (NH)	51	3.4	3.8	3.70	10.6	5.7%	\$105.5	\$117.7	3.0	\$35,250	304
Oregon Health and Science University	51	3.4	3.4	3.63	10.3	7.1%	\$179.3	\$167.1	2.4	\$36,981	446
37. Ohio State University	50	3.1	3.4	3.70	10.7	9.9%	\$193.7	\$101.1	2.3	\$27,265	849
38. University of Minnesota—Twin Cities	49	3.4	3.6	3.67	9.9	12.6%	\$145.6	\$111.2	1.4	\$37,134	940
Yeshiva University (Albert Einstein) (NY)	49	3.3	3.4	3.67	10.4	9.9%	\$177.0	\$70.6	3.4	\$38,075	735
40. Brown University (RI)	48	3.1	3.6	3.59	10.4	7.7%	\$99.6	\$147.8	2.0	\$35,767	331
41. University of Cincinnati	47	3.1	3.3	3.59	9.9	15.2%	\$182.4	\$141.9	2.1	\$37,965	617
Wake Forest University (NC)	47	3.2	3.4	3.60	10.0	4.9%	\$120.5 *	\$141.6 *	2.0	\$33,016	427
43. Tufts University (MA)	46	3.4	3.7	3.54	10.2	7.0%	\$85.2	\$67.9	1.8	\$41,920	697
University of Maryland	46	3.2	3.3	3.65	10.1	9.1%	\$128.5 *	\$117.7 *	1.8	\$35,143	604
45. Indiana University—Indianapolis	45	3.4	3.5	3.68	9.7	17.4%	\$101.5 *	\$80.1 *	1.1	\$38,958	1,151
46. Georgetown University (DC)	44	2.9	3.5	3.62	10.1	5.6%	\$100.4	\$70.2	2.1	\$37,108	685
University of California—Davis	44	3.1	3.3	3.57	10.3	4.8%	\$64.8	\$111.3	1.4	\$33,421	407
University of California—Irvine	44	2.8	3.2	3.65	10.5	7.9%	\$80.3	\$158.4	1.4	\$33,145	374
University of Florida	44	3.1	3.2	3.70	10.4	9.4%	\$73.0 *	\$67.6 *	2.4	\$46,953	458
University of Massachusetts—Worcester	44	3.0	3.1	3.60	10.5	23.7%	\$111.6 *	\$119.5 *	2.2	N/A	419

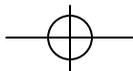
\*The school reported only research grants the National Institutes of Health made to the medical school. No grants to affiliated hospitals were reported. Sources: U.S. News and the schools. Assessment data collected by Synovate



**THE TOP SCHOOLS • PRIMARY CARE**

Rank/School	Overall score	Peer assessment score (5.0 highest)	Assessment score by residency directors (5.0 highest)	Selectivity rank	'04 average undergrad GPA	'04 average MCAT score	'04 acceptance rate	% '02 - '04 graduates entering primary care	'04 faculty/student ratio	'04 out-of-state tuition and fees	'04 total medical school enrollment
1. University of Washington	100	4.3	4.3	32	3.67	10.4	7.2%	48.0%	2.4	\$31,916	795
2. University of North Carolina–Chapel Hill	81	3.7	3.8	40	3.60	10.4	7.3%	48.0%	1.9	\$34,243	647
3. Oregon Health and Science University	80	3.7	4.0	40	3.63	10.3	7.1%	43.0%	2.4	\$36,981	446
4. University of Massachusetts–Worcester	78	3.3	3.3	42	3.60	10.5	23.7%	61.0%	2.2	N/A	419
University of Wisconsin–Madison	78	3.4	3.6	30	3.73	10.3	11.4%	52.8%	1.7	\$32,802	612
6. Duke University (NC)	76	3.3	3.6	2	3.80	11.7	3.9%	45.5%	4.3	\$37,000	382
7. University of California–San Diego	74	3.0	3.4	19	3.73	10.8	6.0%	57.5%	1.6	\$32,417	508
8. University of California–San Francisco	73	3.7	3.9	13	3.77	10.8	4.7%	32.8%	2.6	\$32,716	602
9. Mich. State U. Coll. of Osteopathic Medicine	72	2.7	3.1	112	3.51	8.4	14.3%	82.5%	0.3	\$47,751	538
University of Vermont	72	3.3	3.5	96	3.50	9.3	6.2%	56.0%	1.2	\$41,677	407
11. Harvard University (MA)	70	3.3	3.4	3	3.79	11.7	4.9%	41.0%	9.5	\$37,400	714
U. of Colorado–Denver and Health Sciences Ctr.	70	3.4	3.7	29	3.70	10.5	9.1%	41.3%	2.6	\$69,473	552
University of Iowa (Roy J. & Lucille A. Carver)	70	3.6	3.4	34	3.72	10.2	12.7%	42.6%	1.5	\$38,355	581
University of Minnesota–Twin Cities	70	3.3	3.5	52	3.67	9.9	12.6%	49.7%	1.4	\$37,134	940
15. Brown University (RI)	69	3.1	3.5	42	3.59	10.4	7.7%	51.3%	2.0	\$35,767	331
Case Western Reserve University (OH)	69	3.2	3.5	24	3.60	11.0	9.7%	46.7%	2.8	\$38,604	608
17. University of California–Davis	68	3.2	3.6	49	3.57	10.3	4.8%	47.9%	1.4	\$33,421	407
University of Missouri–Columbia	68	3.1	3.4	55	3.72	9.7	20.0%	53.0%	1.0	\$41,114	371
University of Nebraska College of Medicine	68	3.0	3.2	67	3.69	9.5	18.6%	60.0%	1.1	\$45,512	474
University of Pennsylvania	68	3.3	3.5	6	3.79	11.5	5.7%	38.0%	3.4	\$37,937	600
University of Rochester (NY)	68	3.5	3.7	22	3.75	10.5	7.8%	35.2%	3.0	\$36,115	425
22. Baylor College of Medicine (TX)	67	3.0	3.5	12	3.74	11.1	7.3%	46.7%	2.7	\$22,658	666
23. Johns Hopkins University (MD)	66	3.2	3.3	5	3.83	11.4	5.8%	41.0%	4.5	\$34,732	481
Ohio State University	66	3.0	3.3	22	3.70	10.7	9.9%	50.3%	2.3	\$27,265	849
U. of Texas Southwestern Medical Ctr.–Dallas	66	3.2	3.4	13	3.80	10.8	11.8%	43.0%	1.7	\$22,807	884
Yeshiva University (Albert Einstein) (NY)	66	2.9	3.2	34	3.67	10.4	9.9%	55.0%	3.4	\$38,075	735
27. University of Maryland	65	3.0	3.3	45	3.65	10.1	9.1%	52.0%	1.8	\$35,143	604
University of Michigan–Ann Arbor	65	3.5	3.6	8	3.73	11.4	8.7%	30.7%	2.6	\$32,801	682
University of New Mexico	65	3.4	3.4	101	3.48	9.2	38.9%	49.0%	2.2	\$36,035	289
30. Emory University (GA)	64	3.0	3.3	13	3.73	11.0	9.3%	46.2%	3.7	\$34,727	454
Michigan State University	64	3.3	3.6	101	3.40	9.2	6.7%	47.5%	0.7	\$47,751	435
Wake Forest University (NC)	64	3.1	3.3	55	3.60	10.0	4.9%	50.0%	2.0	\$33,016	427
33. University of California–Los Angeles (Geffen)	63	3.2	3.4	17	3.72	10.9	4.5%	39.9%	3.0	\$32,028	695
34. Dartmouth Medical School (NH)	62	3.3	3.3	24	3.70	10.6	5.7%	39.4%	3.0	\$35,250	304
East Carolina University (Brody) (NC)	62	3.2	3.2	105	3.50	8.8	14.8%	53.3%	1.3	\$32,452	294
University of Alabama–Birmingham	62	3.3	3.6	52	3.70	9.8	14.0%	38.0%	1.5	\$34,896	689
37. East Tennessee State Univ. (J. H. Quillen)	61	3.0	3.0	78	3.66	9.3	12.4%	56.0%	1.1	\$33,701	234
Indiana University–Indianapolis	61	3.4	3.5	60	3.68	9.7	17.4%	36.9%	1.1	\$38,958	1,151
University of Connecticut	61	3.0	3.1	37	3.66	10.3	7.3%	49.7%	1.4	\$37,300	313
40. Medical College of Georgia	60	3.0	3.2	63	3.62	9.8	15.4%	50.3%	0.7	\$31,562	710
University of Mississippi	60	2.7	2.9	78	3.70	9.5	49.6%	62.0%	1.2	\$13,298	404
University of Pittsburgh	60	3.2	3.5	24	3.68	10.7	8.9%	36.0%	3.0	\$37,152	573
University of Virginia	60	3.1	3.5	24	3.70	10.6	8.6%	39.0%	1.6	\$36,574	551
44. Medical College of Wisconsin	59	3.0	3.4	45	3.70	9.9	10.1%	44.0%	1.4	\$32,285	805
University of Utah	59	3.2	3.5	71	3.57	9.8	15.4%	39.7%	2.3	\$29,589	409
46. University of Southern California (Keck)	58	2.8	3.2	28	3.60	10.9	7.1%	48.0%	1.8	\$38,565	662
Washington University in St. Louis	58	3.1	3.2	1	3.86	12.2	10.6%	32.4%	2.6	\$38,330	570
48. Boston University	57	3.0	3.4	39	3.61	10.4	4.8%	41.0%	1.9	\$38,440	628
Cornell University (Weill) (NY)	57	2.9	3.3	7	3.71	11.5	4.3%	38.9%	4.7	\$32,300	399
University of Arkansas for Medical Sciences	57	2.8	3.1	95	3.60	9.2	21.5%	55.0%	1.5	\$26,385	561
University of Florida	57	2.8	3.2	30	3.70	10.4	9.4%	46.3%	2.4	\$46,953	458
U. of N. Tex. Hlth. Sci. Ctr. (Tex. Col. of Osteopathic Med.)	57	2.4	2.5	100	3.54	8.9	10.4%	77.2%	0.4	\$24,025	501
West Virginia School of Osteopathic Medicine	57	2.5	2.7	122	3.43	7.6	20.5%	87.9%	0.1	\$40,830	363

N/A: The school does not accept out-of-state students to the M.D. program.  
Sources: U.S. News and the schools. Peer assessment data collected by Synovate



**SPECIALTIES**

**MEDICAL SCHOOL DEANS AND SENIOR FACULTY SELECT THE BEST PROGRAMS**

**AIDS**

1. University of California–San Francisco
2. Johns Hopkins University (MD)
3. Harvard University (MA)
4. University of Alabama–Birmingham
- University of California–Los Angeles (Geffen)
- University of Washington
7. University of California–San Diego
8. Duke University (NC)
9. Columbia U. College of Physicians and Surgeons (NY)
10. University of Miami (FL)

**DRUG/ALCOHOL ABUSE**

1. Harvard University (MA)
- Johns Hopkins University (MD)
3. University of California–Los Angeles (Geffen)
4. Yale University (CT)
5. Columbia U. College of Physicians and Surgeons (NY)
- University of California–San Francisco
7. University of Pennsylvania
8. Duke University (NC)
- Medical U. of South Carolina
- University of Washington

**FAMILY MEDICINE**

1. University of Washington
2. University of Missouri–Columbia
3. Oregon Health and Science U.
4. University of Michigan–Ann Arbor
5. University of Wisconsin–Madison
6. University of North Carolina–Chapel Hill
7. Case Western Reserve U. (OH)
- University of California–San Francisco
9. Duke University (NC)
- University of New Mexico

**GERIATRICS**

1. Johns Hopkins University (MD)
2. Mount Sinai School of Medicine (NY)
3. University of California–Los Angeles (Geffen)
4. Duke University (NC)
5. Harvard University (MA)
6. University of Michigan–Ann Arbor
7. University of Washington
8. Yale University (CT)
9. University of Arkansas for Medical Sciences
10. St. Louis University

**INTERNAL MEDICINE**

1. Johns Hopkins University (MD)
2. Harvard University (MA)
3. University of California–San Francisco
4. Duke University (NC)
5. University of Pennsylvania
6. Washington University in St. Louis
7. University of Washington
8. University of Michigan–Ann Arbor
9. U. of Texas Southwestern Medical Center–Dallas
10. Stanford University (CA)

**PEDIATRICS**

1. Harvard University (MA)
2. University of Pennsylvania
3. Johns Hopkins University (MD)
4. University of Cincinnati
5. Baylor Col. of Medicine (TX)
6. Washington U. in St. Louis
7. Stanford University (CA)
8. University of Colorado–Denver and Health Sciences Center
9. University of California–San Francisco
- University of Washington

**RURAL MEDICINE**

1. University of Washington
2. University of New Mexico
3. University of Missouri–Columbia
- University of North Dakota
5. East Carolina University (Brody) (NC)
- University of North Carolina–Chapel Hill
7. East Tennessee State University (J. H. Quillen)
- University of Iowa (Roy J. & Lucille A. Carver)
9. West Virginia School of Osteopathic Medicine
10. University of Nebraska College of Medicine

**WOMEN'S HEALTH**

1. Harvard University (MA)
2. University of California–San Francisco
3. University of Pennsylvania
4. Johns Hopkins University (MD)
5. University of Pittsburgh
6. University of Washington
7. Univ. of Michigan–Ann Arbor
8. University of Alabama–Birmingham
9. Duke University (NC)
- U. of Texas Southwestern Medical Center–Dallas

**METHODOLOGY**

The 124 medical schools fully accredited by the Liaison Committee on Medical Education, plus the 19 schools of osteopathic medicine fully accredited by the American Osteopathic Association, were surveyed for the ranking of research medical schools; 123 schools provided the data needed to calculate the research rankings based on the indicators used in the medical school research model. The same medical and osteopathic schools were surveyed for the primary-care ranking; 123 schools provided the data needed to calculate the medical school primary-care ranking. The medical school research model is based on a weighted average of eight indicators, and the primary-care model is based on seven indicators. Four of the indicators are the same for both models. The research model factors in research activity; the primary-care model adds a measure of the proportion of graduates entering primary-care specialties. Quality assessment (weighted by .40): Peer assessment surveys were conducted in the fall of 2004, asking medical and osteopathic school deans, deans of academic affairs, and heads of internal medicine or the directors of admissions to rate program quality on a scale of "marginal" (1) to "outstanding" (5). Survey populations were asked to rate program quality for both research and primary-care programs separately on a single survey instrument. The response rate was 53 percent. A research school's average score is weighted by .20; the average score in the primary-care model is weighted by .25. Residency program directors were also asked to rate programs using the same 5-point scale on two separate survey instruments. One survey dealt with research and was sent to a sample of residency program directors in fields outside primary care, including surgery, psychiatry, and radiology. The other survey involved primary care and was sent to residency directors in the fields of family practice, pediatrics, and internal medicine. The response rate for those sent the research survey was 29 percent. The response rate for those sent the primary-care survey was 28 percent. Residency directors' opinions are weighted by .20 in

the research model and by .15 in primary care. The source for the names for both of the residency directors' surveys was the Graduate Medical Education Directory 2004–2005 edition, published by the American Medical Association. Research activity (.30 in research model only): Research was measured as the total dollar amount of National Institutes of Health research grants awarded to the medical school and its affiliated hospitals (.20) and those grants calculated per full-time medical school science and clinical faculty member (.10); both factors were averaged for fiscal years 2003 and 2004. An asterisk indicates schools that reported only NIH research grants to their medical school in 2004. Primary-care rate (.30 in primary-care model only): The percentage of medical or osteopathic school graduates entering primary-care residencies in the fields of family practice, pediatrics, and internal medicine was averaged over the 2002, 2003, and 2004 graduating classes. Student selectivity (.20 in research model, .15 in primary-care model): This is determined by three components, which describe the medical or osteopathic class entering in fall 2004: mean composite Medical College Admission Test score (65 percent), mean undergraduate grade-point average (30 percent), and the acceptance rate, which is the proportion of total applicants accepted (5 percent). Faculty resources (.10 in research model, .15 in primary-care model): Resources were measured as the ratio of full-time science and clinical faculty to medical or osteopathic students in 2004. Overall rank: Indicators were standardized about their means, and standardized scores were weighted, totaled, and rescaled so that the top school received 100; other schools received their percentage of the top score. Specialty rankings: The rankings are based solely on ratings by medical school deans and senior faculty at peer schools. They each identified up to 10 schools offering the best medical school programs in each specialty area. Those programs receiving the most nominations in the top 10 appear here.