

Rankings of Research-Doctorate Programs in 41 Disciplines at 274 I

IN THE FOLLOWING table are evaluations by the National Research Council of 3,634 research-doctorate programs in 41 fields at 274 universities in the United States and Puerto Rico.

The information comes from a survey of nearly 8,000 faculty members conducted in spring 1993. Each person received a survey form with up to 50 programs in his or her field selected at random from a list of participating programs.

Among other things, the respondents were asked to rate the programs on two "reputational" criteria—the "scholarly quality of program faculty" and "effectiveness of program in educating research scholars / scientists."

Scores on the quality question were calculated on a scale of 0 to 5. Scores of 4.01 and above indicated "distinguished;" 3.01 to 4.00, "strong;" 2.51 to 3.00, "good;" 2.00 to 2.50, "adequate;" 1.00 to 1.99, "marginal;" and 0.0 to 0.99, "not sufficient for doctoral education."

The effectiveness scores were also calculated on a scale of 0 to 5. Scores of 3.5 to 5.0 represented "extremely effective;" 2.5 to 3.49, "reasonably effective;" 1.5 to 2.49, "minimally effective;" and 0.0 to 1.49, "not effective."

The table also shows the raters' views of changes in program quality in the previous five years. Scores on that question were based on a scale of -1 to +1, with -1 indicating "poorer than five years ago" and +1 indicating "better than five years ago."

This table shows the institutions ranked from first to last according to the criteria of faculty quality. When more than one program had the same score, the council averaged the rank order and gave each program the same rank number. For example, if four programs had the 10th-highest value for quality, the council added the positions they occupied—10, 11, 12, and 13—and divided by four, giving each one a ranking of 11.5. Similarly, if three programs tied for the top position, each received a rank of 2.

In calculating the scores, the council dis-

carded a program's two highest and two lowest ratings. In some instances, eliminating those figures did not give the council sufficient data to calculate a score, and the designation "n/s" appears in place of a figure.

The council noted that, among other things, the reputational ratings do not indicate how well a program is structured or whether it offers a nurturing environment for students or whether its graduates get satisfactory jobs. The ratings also do not show the quality of faculty members' teaching.

The institution name refers to the main campus, unless a branch campus is indicated.

To be selected for the assessment, an institution had to meet these criteria: Within a given field, it had to have produced at least three Ph.D.'s between 1988 and 1990 and one in 1991. If it did not produce one Ph.D. in 1991, it had to have a rating of 2.0 or better in that field in a similar study conducted in 1982.

Sixteen institutions that met these criteria did not participate in the assessment. They were: California Institute of Integral Studies, Graduate Theological Union, Juilliard School, Indiana State University at Terre Haute, Long Island University-Brooklyn, Manhattan College, Marquette University, Middlebury College, Midwestern Baptist Theological Seminary, New School for Social Research, Nova University, Peabody Institute of the Johns Hopkins University, Southwestern Baptist Theological Seminary, U.S. International University, Villanova University, and Wright Institute.

In addition, 10 eligible institutions did not submit information in time to be included in the study. They were: Caribbean Center for Advanced Studies, Cleveland State University, Cornell University Medical School, DePaul University, Louisiana Tech University, Memphis State University, Oregon Health Sciences University, South Dakota State University, University of Dallas, and Wright State University.

Rank Comparative Literature

11	U of Pennsylvania
12	U of Chicago
13	New York U
14	U of Washington
15	U of Michigan
16	U of California Los A
17	Northwestern U
18	U of California San D
19	Indiana U
20	Brown U
21	U of Texas Austin
22	Rutgers U New Brun
23	U of Southern Califor
24	Emory U
25	Washington U
26	U of California Rivers
27	Pennsylvania State U
28	U of Minnesota
29	State U of New York Stony Brook
30	U of Iowa
31	U of Rochester
32	U of North Carolina Ch
33	U of Illinois Urbana-Champaign
34	State U of New York Binghamton
35	U of Massachusetts A
36	U of Arizona
37	U of Wisconsin Madis
38	U of California Davis
39	U of Maryland C Park
40	City U of New York G Sch and U Center
41	U of Oregon
42	U of Connecticut
43	Catholic U of America
44	U of South Carolina

English Language

2	Yale U
2	U of California Berkele
2	Harvard U
4	U of Virginia
5.5	Duke U
5.5	Stanford U
7	Cornell U
8.5	U of Pennsylvania
8.5	Columbia U
10	U of Chicago
11	Johns Hopkins U
12	U of California Los A
13	Princeton U
14	Brown U
15	U of California Irvine
16	U of Michigan
17	Rutgers U New Brun
18.5	City U of New York G Sch and U Center
18.5	Indiana U
20	New York U
21	U of Texas Austin
22	U of Wisconsin Madis
23	U of Washington
24	U of North Carolina Ch
25	U of Southern Califor
26.5	U of Pittsburgh
26.5	State U of New York
28	U of Illinois Urbana-Champaign
29	Northwestern U
30.5	Vanderbilt U
30.5	Emory U
32	U of Wisconsin Milw
33	Ohio State U
34.5	U of California Santa
34.5	U of California Rivers
36	U of Minnesota
37	U of California San D

Arts and Humanities

Rank	Quality	Effic- tiveness	5-year change
------	---------	-----------------	---------------

Art History

Rank	Quality	Effic- tiveness	5-year change	
Classics				
1	Harvard U	4.79	3.86	+0.01
2	U of California Berkeley	4.77	4.41	+0.06
3	U of Michigan	4.54	4.26	+0.28

Music

Rank	Institution	Quality	Effectiveness	5-year change
1	Harvard U	4.59	4.26	+0.14
2	U of Chicago	4.53	4.32	-0.17
3	U of California Berkeley	4.51	4.11	+0.02
4	City U of New York Graduate Sch and U Center	4.41	3.79	+0.18
5	Yale U	4.40	4.11	-0.08
6	Princeton U	4.39	4.18	-0.25
7	U of Pennsylvania	4.35	3.79	+0.26
8	U of Rochester	4.24	4.03	+0.28
9	U of Michigan	4.16	4.03	-0.10
10	U of Illinois Urbana-Champaign	4.11	3.60	-0.04
11.5	Columbia U	4.05	3.56	+0.22
11.5	Cornell U	4.05	3.90	+0.17
13	Brandeis U	3.85	3.73	+0.36
14	State U of New York Stony Brook	3.80	3.45	+0.18
15	Stanford U	3.79	3.52	-0.03
16	U of North Carolina Chapel Hill	3.72	3.52	+0.14
17	U of Texas Austin	3.69	3.37	+0.14
18	U of California Los Angeles	3.56	3.12	-0.23
19	New York U	3.53	3.41	+0.04
20	Indiana U	3.47	3.04	+0.18
21	U of North Texas	3.43	3.20	+0.21
22	Duke U	3.42	3.33	+0.42
23.5	Northwestern U	3.41	3.30	+0.07
23.5	U of California Santa Barbara	3.41	2.89	+0.38
25	U of California San Diego	3.32	2.61	+0.36
26	U of Iowa	3.31	3.13	+0.07
27	Florida State U	3.26	3.29	+0.26
24	Syracuse U			
24	Ohio State U			
25	Northwestern U			
27	U of Pennsylvania			
27	U of Texas Austin			
27	Columbia U			
29	Boston U			
30	Indiana U			
31	Johns Hopkins U			
32	U of Minnesota			
33	U of Rochester			
34	U of Southern California			
35	U of Maryland C Park			
36	U of Illinois Urbana-Champaign			
37	Rice U			
38	Vanderbilt U			
39	U of California Riverside			
40	Emory U			
41	Georgetown U			
42	U of California Santa Barbara			
43	U of Virginia			
44	Duke U			
45	Washington U			
46	State U of New York Stony Brook			
47.5	Temple U			
47.5	Carnegie Mellon U			
49	Loyola U of Chicago			
50	State U of New York Stony Brook			
51	U of Iowa			
52	U of Miami			
53	Catholic U of America			
54	U of Kansas			

The Chronicle of Higher Education • September 22, 1995

Quality of Research-Doctorate Programs in 41 Disciplines at 274 Institutions

Language Literature—continued

Rank	Institution	Quality	Effectiveness	5-year change
	Pennsylvania State U	3.26	2.99	-0.02
	State U	3.25	2.97	-0.23
	North Carolina Chapel Hill	3.21	2.91	+0.19
	Massachusetts Amherst	3.18	2.88	-0.09
	Illinois Urbana-Champaign	3.11	3.05	-0.11
	Michigan	3.04	2.98	-0.15
	California Los Angeles	2.94	2.88	-0.20
	California Davis	2.90	2.65	+0.17
	California Santa Barbara	2.77	2.60	-0.01
	U of New York Albany	2.59	1.96	-0.14
	York U	2.37	1.89	-0.14
	Sylvania State U	2.31	2.03	+0.06
	jetown U	2.15	2.14	+0.38
	Cincinnati	1.99	2.09	-0.20
	Pittsburgh	1.89	1.57	-0.11
	U of New York Buffalo	1.80	1.63	-0.38
	U of New Brunswick	1.69	1.76	-0.22

Physics

Rank	Institution	Quality	Effectiveness	5-year change
	Massachusetts Inst Technology	4.79	4.39	-0.21
	U of Michigan	4.59	4.01	+0.20
	California Los Angeles	4.56	4.17	+0.24
	Massachusetts Amherst	4.44	4.44	+0.24
	Pennsylvania State U	4.16	3.68	+0.47
	Chicago	3.97	3.64	0.00
	California Berkeley	3.97	3.40	+0.16
	State U	3.80	3.46	+0.32
	U of Michigan	3.78	3.89	+0.59
	California Santa Cruz	3.66	3.80	+0.58
	Texas Austin	3.61	3.48	-0.08
	Southern California	3.58	3.39	+0.28
	Arizona	3.58	3.51	+0.70
	California San Diego	3.43	3.08	-0.08
	U of New York Graduate Sch and U Center	3.41	2.99	+0.37
	U of Connecticut	3.36	3.51	-0.04
	U of Washington	3.16	2.92	-0.05

Music—continued

Rank	Institution	Quality	Effectiveness	5-year change
28	Ohio State U	3.23	2.74	+0.04
29	U of Washington	3.22	2.89	-0.09
30.5	Rutgers U New Brunswick	3.16	3.03	-0.43
30.5	U of Minnesota	3.16	2.74	+0.30
32	U of Wisconsin Madison	3.13	3.07	+0.17
33	Washington U	3.08	3.14	+0.35
34	U of Cincinnati	3.02	2.81	+0.12
35	U of Maryland C Park	2.95	2.79	-0.08
36.5	U of Southern California	2.91	2.66	+0.16
36.5	State U of New York Buffalo	2.91	2.67	+0.13
38	Temple U	2.90	2.58	+0.04
39	U of Arizona	2.87	2.53	+0.22
40	U of Pittsburgh	2.83	2.64	+0.22
41	Louisiana State U and A&M C	2.81	2.74	+0.48
42	U of Miami	2.79	2.53	+0.16
43	Catholic U of America	2.78	2.54	0.00
44	Brown U	2.73	2.54	+0.06
45	Michigan State U	2.69	2.64	-0.27
46	U of Kansas	2.65	2.50	+0.06
47	U of Oregon	2.55	2.26	+0.27
48	Case Western Reserve U	2.52	2.33	-0.05
49	Wesleyan U	2.50	2.14	-0.50
50	Boston U	2.48	2.50	0.00
51	U of Georgia	2.45	2.16	-0.00
52	U of Hartford	2.44	2.21	+0.12
53	U of Colorado	2.36	2.35	+0.09
54	U of Kentucky	2.33	2.18	+0.04
55	West Virginia U	2.27	1.45	-0.11
56	Claremont Graduate Sch	2.23	1.82	-0.22
57	Texas Tech U	2.22	1.67	0.00
58	Kent State U	2.20	2.10	-0.38
59	U of South Carolina	2.13	2.11	0.00
60	Ball State U	2.06	1.67	0.00
61	U of Alabama	2.02	1.91	+0.19
62	Southern Baptist Theological Seminary	1.95	1.85	-0.20
63	U of Northern Colorado	1.86	1.93	-0.22
64	U of Oklahoma	1.84	2.00	0.00
65	U of Missouri Kansas City	1.40	1.37	-0.20

Philosophy

Rank	Institution	Quality	Effectiveness	5-year change
55	Pennsylvania State U	2.09	2.17	-0.15
56	U of Nebraska Lincoln	2.07	2.35	+0.04
57	Boston C	2.05	2.35	+0.19
58	Florida State U	1.95	1.86	-0.37
59.5	Michigan State U	1.91	2.15	0.00
59.5	Yale U	1.91	1.92	-0.94
61.5	Tulane U	1.86	2.14	-0.10
61.5	U of Georgia	1.86	1.81	-0.05
63	Saint Louis U	1.84	2.46	+0.10
64	Fordham U	1.81	2.20	-0.05
65	U of Hawaii Manoa	1.78	1.11	+0.23
66	U of Kentucky	1.59	1.67	+0.14
67	U of Cincinnati	1.56	1.95	-0.23
68	U of Oregon	1.52	1.31	-0.05
69	Southern Illinois U	1.41	1.17	-0.06
70	U of Tennessee Knoxville	1.32	1.11	0.00
71	Duquesne U	1.29	1.67	-0.21
72	Claremont Graduate Sch	1.10	1.58	-0.25

Philosophy—continued

Rank	Institution	Quality	Effectiveness	5-year change
1	U of Chicago	4.76	4.01	-0.07
2	Harvard U	4.73	4.10	+0.05
3	Princeton U	4.33	3.89	+0.21
4	Duke U	4.25	3.90	+0.47
5	Emory U	4.05	3.59	+0.64
6	U of Virginia	3.96	3.46	+0.32
7	Vanderbilt U	3.85	3.50	+0.13
8	Princeton Theological Seminary	3.84	3.61	+0.24
9	U of California Santa Barbara	3.82	3.33	+0.47
10.5	Jewish Theological Seminary	3.74	3.26	-0.07
10.5	U of Pennsylvania	3.74	3.22	+0.07
12	U of Notre Dame	3.73	3.24	-0.03
13	Hebrew Union C	3.71	3.53	+0.14
14	Columbia U	3.57	3.40	+0.10
15	Brown U	3.55	3.26	+0.07
16	Southern Methodist U	3.53	3.13	+0.21
17	Boston C	3.42	3.12	+0.41
18	Union Theological Seminary in Virginia	3.08	3.10	0.00

Religion

Rank	Institution	Quality	Effectiveness	5-year change
1	U of Chicago	4.76	4.01	-0.07
2	Harvard U	4.73	4.10	+0.05
3	Princeton U	4.33	3.89	+0.21
4	Duke U	4.25	3.90	+0.47
5	Emory U	4.05	3.59	+0.64
6	U of Virginia	3.96	3.46	+0.32
7	Vanderbilt U	3.85	3.50	+0.13
8	Princeton Theological Seminary	3.84	3.61	+0.24
9	U of California Santa Barbara	3.82	3.33	+0.47
10.5	Jewish Theological Seminary	3.74	3.26	-0.07
10.5	U of Pennsylvania	3.74	3.22	+0.07
12	U of Notre Dame	3.73	3.24	-0.03
13	Hebrew Union C	3.71	3.53	+0.14
14	Columbia U	3.57	3.40	+0.10
15	Brown U	3.55	3.26	+0.07
16	Southern Methodist U	3.53	3.13	+0.21
17	Boston C	3.42	3.12	+0.41
18	Union Theological Seminary in Virginia	3.08	3.10	0.00