

Technology Review

MIT's Magazine of Innovation

University Research Scorecard 2002

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Institution*	Technological Strength				# of Patents		Current Impact		Science Linkage	
	2001	rank	1996-		1996-		2001	1996-	2001	1996-
			2000†	rank	2001	2000†				
University of California	460	1	383	1	434	387	1.06	0.99	15.13	13.01
MIT	227	2	186	2	140	130	1.62	1.43	14.76	14.23
Caltech	178	3	101	5	127	76	1.40	1.33	16.17	11.96
Stanford University	137	4	102	4	90	82	1.52	1.25	13.98	12.44
Princeton University	105	5	37	20	47	24	2.23	1.56	10.87	12.61
University of Texas	89	6	120	3	100	104	0.89	1.16	37.87	33.21
Cornell University	88	7	65	9	71	61	1.24	1.07	18.66	14.37
Columbia University	79	8	63	11	62	50	1.27	1.26	18.02	11.09
University of Wisconsin	75	9	80	6	75	73	1.00	1.09	16.29	10.87
University of Washington	71	10	74	7	51	49	1.39	1.50	11.53	15.51
Johns Hopkins University	68	11	63	11	88	75	0.78	0.84	16.07	15.12
University of North Carolina	58	12	42	14	48	42	1.20	0.99	15.98	20.04
University of Pennsylvania	57	13	69	8	55	57	1.03	1.20	30.11	27.29
Duke University	56	14	41	16	59	39	0.95	1.05	13.34	20.05
University of Michigan	55	15	64	10	59	55	0.93	1.17	19.00	24.62
Pennsylvania State University	46	16	31	25	60	32	0.77	0.97	14.95	12.76
University of Southern California	44	17	17	48	33	18	1.33	0.91	24.64	15.12
University of Minnesota	41	18	42	14	42	44	0.99	0.95	26.64	24.00
University of Utah	41	18	33	24	46	35	0.89	0.95	13.43	12.08
University of Florida	40	20	40	18	59	55	0.67	0.72	17.20	9.44
University of Illinois	39	21	22	37	36	24	1.09	0.90	29.00	15.49
North Carolina State University	37	22	29	26	32	27	1.17	1.06	13.59	10.51
Georgia Institute of Technology	37	22	21	42	35	27	1.07	0.80	5.11	4.59
Harvard University	35	24	38	19	42	47	0.84	0.82	35.21	31.27
University of Pittsburgh	34	25	28	28	42	29	0.81	0.95	16.71	15.65
Northwestern University	34	25	21	42	34	25	0.99	0.85	19.26	18.91
University of Iowa	33	27	14	60	41	22	0.81	0.62	27.07	13.94
Yale University	33	27	23	34	34	28	0.96	0.83	45.85	30.30
New York University	32	29	22	37	37	25	0.86	0.88	20.41	26.17
Brown University	32	29	21	42	21	13	1.51	1.55	21.52	21.09
Texas A&M University	31	31	19	46	26	22	1.20	0.90	22.27	13.87
State Univ of New York	31	31	48	13	40	49	0.77	0.97	17.38	11.91
Washington University	30	33	41	16	41	38	0.73	1.08	20.78	16.78
Boston University	29	34	23	34	19	20	1.54	1.12	20.42	17.42
University of Rochester	28	35	15	58	16	11	1.78	1.31	10.19	19.25
University of Chicago	26	36	13	61	28	20	0.93	0.66	2.29	4.24
University of Alabama	26	36	24	31	34	28	0.76	0.86	9.18	17.60
University of Central Florida	25	38	17	48	20	12	1.27	1.43	5.50	3.03
University of Maryland System	25	38	22	37	42	28	0.59	0.77	20.10	12.82
Emory University	23	40	35	22	21	24	1.10	1.48	29.67	31.62
Carnegie Mellon University	22	41	36	21	12	22	1.85	1.68	9.08	8.65
Rutgers University	22	41	29	26	22	27	1.01	1.06	8.09	14.55

Iowa State University	22	41	35	22	29	43	0.74	0.82	10.62	11.09
Michigan State University	21	44	25	29	40	46	0.53	0.54	11.98	16.53
Louisiana State University	20	45	17	48	35	27	0.58	0.62	9.20	20.95
University of Colorado	20	45	25	29	22	23	0.89	1.06	30.55	14.90
University of Cincinnati	19	47	10	69	17	10	1.12	1.03	9.12	8.70
Ohio State University	19	47	24	31	21	25	0.90	0.97	9.95	13.89
University of Massachusetts	17	49	22	37	23	29	0.76	0.77	15.52	14.10
Case Western University	17	49	17	48	21	17	0.79	1.04	26.43	15.29
Wayne State University	16	51	16	54	15	13	1.08	1.24	8.60	10.82
Thomas Jefferson University	16	51	15	58	39	25	0.41	0.61	33.36	24.39
Baylor College of Medicine	15	53	24	31	15	23	0.98	1.03	38.07	31.32
University of Tennessee	14	54	19	46	24	14	0.59	1.41	20.79	12.75
University of Nebraska	14	54	22	37	18	24	0.78	0.92	10.56	14.08
University of Virginia	14	54	12	63	19	16	0.72	0.77	33.16	10.82
Vanderbilt University	14	54	12	63	27	16	0.50	0.76	18.89	16.83
University of Arkansas	13	58	10	69	28	15	0.45	0.65	4.36	6.73
City University of New York	11	59	11	68	14	15	0.81	0.76	19.07	23.68
University of Kentucky	11	59	16	54	22	23	0.50	0.71	7.27	11.87
Purdue University	11	59	17	48	17	19	0.63	0.89	11.41	11.86
Northeastern University	11	59	10	69	9	12	1.19	0.86	2.89	7.84
Yeshiva University	11	59	6	80	17	13	0.62	0.45	11.53	9.98
Wake Forest University	10	64	8	75	11	9	0.92	0.88	13.55	18.98
University of New Mexico	10	64	12	63	15	15	0.67	0.77	7.80	8.42
Virginia Polytechnic Institute and State Univ	10	64	20	45	13	23	0.77	0.87	10.69	6.08
University of Akron	10	64	7	79	13	10	0.77	0.73	6.08	4.24
University of South Florida	9	68	12	63	16	17	0.59	0.75	9.00	13.81
Rockefeller University	9	68	16	54	28	29	0.31	0.56	43.43	34.59
University of Oklahoma	8	70	10	69	20	14	0.42	0.72	17.20	15.31
Oregon State University	8	70	4	83	8	5	1.04	0.83	7.50	10.89
Temple University	8	70	8	75	7	7	1.13	1.17	7.14	11.88
University of Missouri	8	70	8	75	16	13	0.49	0.60	26.19	17.02
University of Miami	8	70	8	75	9	7	0.85	1.06	4.33	7.78
University of Georgia	7	75	13	61	22	16	0.34	0.83	27.23	24.50
Oregon Health Sciences University	7	75	12	63	16	17	0.43	0.70	34.19	40.64
The University of Medicine and Dentistry of New Jersey	6	77	5	82	15	9	0.43	0.50	11.53	17.36
Georgetown University	6	77	9	74	8	10	0.77	0.91	10.63	14.83
Virginia Commonwealth University	6	77	16	54	10	12	0.60	1.39	18.50	11.86
University of Connecticut	6	77	10	69	8	13	0.73	0.72	8.38	9.22
University of Hawaii	4	81	4	83	8	9	0.55	0.41	14.00	12.19
Florida State University	3	82	23	34	7	11	0.46	2.14	8.29	11.79
Indiana University	3	82	17	48	2	11	1.55	1.50	9.50	14.78
Kansas State University	3	82	6	80	10	8	0.29	0.77	8.80	8.52

*includes all campuses in system

†annual average

Technological strength: The number of U.S. patents multiplied by the Current Impact Index.

Number of patents: The total number of U.S. patents awarded, exclusive of design and other special-case inventions.

Current Impact Index: A measure of how frequently an institution's patents for the previous five years are cited in the current year, relative to all patents in the U.S. system. A value of 1.0 indicates average citation frequency.

Science Linkage: Patents sometimes cite scientific papers as prior arts. This value shows the average number of science references listed in an institution's U.S. patents. A high figure indicates an institution is closer to the cutting edge.

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