

AUTM 2019

Licensing Activity Survey



A Survey of Technology Licensing and Related Activity
for US Academic and Nonprofit Research Institutions



AUTM 2019 Licensing Activity Survey Appendix



INSTITUTION

KEY METRICS

CUMULATIVE, 2017 – 19

OTHER BENCHMARKS

Institution Name	Institution Type	Program Start	Licensing Full-Time Equivalents	Total Research Expenditures	Total Licenses	Total Options	Gross License Income	Disclosures	New Patent Applications	Start-Ups	Total Research Expenditures	Disclosures	Adjusted Gross Income	Active Licenses and Options	Issued Patents	Running Royalties	Adjusted Gross Income
Albert Einstein College of Medicine, Inc.	University	1985	2	\$182,208,486	15	2	\$2,201,452	41	20	1	\$575,112,975	121			16	\$203,417	
Arizona State University	University	1985	9.86	\$639,637,000	34	47	\$673,945	301	228	18	\$1,803,884,000	863	\$2,187,682	338	129	\$39,299	\$673,512
Auburn University	University	1988	4	\$231,619,000	8	3	\$1,340,677	75	58	2	\$634,884,000	210	\$3,922,173	84	18	\$776,140	\$1,340,677
Augusta University	University	2001	2	\$96,502,000	7	0	\$785,628	40	42	1	\$295,244,000	117	\$1,465,548	54	6	\$145,628	\$785,628
Baylor College of Medicine	Hospital / Research Institution	1983	6	\$470,849,584	63	1	\$2,162,537	101	66	3	\$1,360,750,854	327		893	23		
Boston Children's Hospital	Hospital / Research Institution	1991	7	\$409,538,000	48	10	\$43,044,493	152			\$1,152,597,000	426	\$58,922,345	433		\$5,200,739	\$42,029,188
Boston University	University	1976	8	\$537,724,872	7	2	\$1,402,437	87	146	3	\$1,409,017,461	241	\$6,180,747	119	35	\$882,560	\$1,294,671
Bowling Green State University	University	2007	0	\$17,026,000	0	0	\$1,000	5	5	0	\$49,350,000	17	\$5,300	11	2	\$1,000	\$1,000
Brandeis University	University	1998	3.75	\$60,825,000	4	1	\$4,893,068	55	6	2	\$176,881,684	167	\$10,090,412	37	14	\$3,464,021	\$4,850,429
Brigham and Women's Hospital, Inc.	Hospital / Research Institution	1986	9	\$673,856,909	52	26	\$18,664,571	203	704	2	\$2,070,323,807	597	\$28,648,147	598	69	\$10,765,236	\$9,728,008
Brigham Young University	University	1986	4	\$32,177,733	27	12	\$2,564,750	63	143	15	\$740,112,828	218	\$7,141,092	100	63	\$2,308,455	\$2,563,050
Brown University	University	1983	3	\$226,000,000		4	\$2,340,000	62	112	1	\$583,953,131	187	\$6,137,059				\$2,340,000
California Institute of Technology	University	1995	10	\$378,469,656	41	21	\$6,194,343	267	281	21	\$1,115,766,104	769	\$22,709,966	421	175	\$1,081,173	\$6,178,479
Carnegie Mellon University	University	1992	8.75	\$279,988,000	98	3	\$19,739,295	257	125	13	\$780,500,000	762	\$796,568,883	831	60	\$3,713,912	\$19,730,506
Case Western Reserve University	University	1986	6.8	\$334,547,000	52	14	\$1,505,844	174	90	7	\$975,720,000	696	\$3,713,227	425	96	\$687,439	\$1,366,643
Cedars-Sinai Medical Center	Hospital / Research Institution	1991	6	\$194,000,000	21	2	\$37,500,000	66	74	4	\$532,072,533	226		104	38	\$34,896,950	
Children's Hospital of Philadelphia	Hospital / Research Institution	1991	5	\$472,014,095	23	3	\$1,501,316	83	162	1	\$1,272,518,464	271	\$3,968,996		18	\$1,113,661	\$1,457,112

AUTM 2019 Licensing Activity Survey Appendix



INSTITUTION				KEY METRICS							CUMULATIVE, 2017 – 19			OTHER BENCHMARKS			
Institution Name	Institution Type	Program Start	Licensing Full-Time Equivalents	Total Research Expenditures	Total Licenses	Total Options	Gross License Income	Disclosures	New Patent Applications	Start-Ups	Total Research Expenditures	Disclosures	Adjusted Gross Income	Active Licenses and Options	Issued Patents	Running Royalties	Adjusted Gross Income
Children's Hospital, Cincinnati	Hospital / Research Institution	1997	9	\$450,000,000	11	1	\$689,641	155	61	2				209	20	\$70,339	
Clemson University	University	1987	3	\$218,760,000	12	5	\$398,136	62	24	5	\$402,472,583	178	\$1,387,630	77	18	\$32,889	\$392,386
Cleveland Clinic	Hospital / Research Institution	1989	19	\$310,000,000	42	16	\$8,743,700	309	64	7	\$884,000,000	841	\$33,886,379	310	61	\$5,859,300	\$8,743,354
Cleveland State University	University	2010	1	\$80,077,000		4	\$126,000	17	20	1	\$247,480,000	46	\$354,500	39	2	\$70,000	\$126,000
Cold Spring Harbor Laboratory	Hospital / Research Institution	1985	3	\$149,000,000	6	0	\$4,009,781	5	10	0	\$418,400,000	22		187	4	\$3,989,781	
Colorado School of Mines	University	2005	1	\$76,000,000	7	4	\$72,000	51	31	3	\$198,684,788	150		39	14		\$72,000
Colorado State University	University	1970	3	\$398,477,518	39	9	\$3,791,964	127	76	6	\$1,111,634,362	340	\$8,803,064	230	33	\$1,636,265	\$3,791,964
Columbia University	University	1982	11.5	\$882,057,235				423			\$2,492,632,393	1,242			115		
Cornell University	University	1979	9	\$1,144,600,000	89	5	\$12,118,698	513	179	19	\$3,039,145,611	1,340	\$38,332,041		94	\$8,175,432	\$9,397,002
Dana-Farber Cancer Institute	Hospital / Research Institution	1981	22	\$336,571,536	45	4	\$48,608,994	166	109	7	\$926,803,809	470	\$126,753,885	439	68	\$6,401,662	\$40,879,596
Dartmouth College	University	1985	2.92	\$195,262,325	9	2	\$3,611,854	49	36	1	\$573,356,844	181					
Drexel University	University	1995	5	\$122,544,838	10	8	\$358,766	110	40	7	\$357,285,458	336	\$772,816		41	\$164,568	\$325,016
Duke University	University	1986	11	\$1,072,436,000	98	22	\$57,795,470	354	139	16	\$3,060,524,000	978	\$150,154,503	686	90	\$48,533,996	\$57,502,479
East Carolina University	University	1995	2	\$52,697,637	7	0	\$30,490	30	3	1	\$118,706,637	75	\$338,373	29	2	\$15,110	\$30,490
Emory University	University	1985	9	\$640,069,809	52	8	\$11,224,122	263	109	7	\$1,783,712,069	760	\$28,557,833	359	45	\$9,564,610	\$11,070,399
Florida State University	University	1996	4	\$188,883,960	11	7	\$968,537	51	32	2	\$571,698,811	168	\$1,897,412	60	45	\$106,755	\$968,537
Fox Chase Cancer Center	Hospital / Research Institution	1984	3	\$45,064,397	17	0	\$648,585	27	14	0	\$129,928,096	76	\$2,076,522	233	2	\$77,621	\$648,585

AUTM 2019 Licensing Activity Survey Appendix



INSTITUTION

KEY METRICS

CUMULATIVE, 2017 – 19

OTHER BENCHMARKS

Institution Name	Institution Type	Program Start	Licensing Full-Time Equivalents	Total Research Expenditures	Total Licenses	Total Options	Gross License Income	Disclosures	New Patent Applications	Start-Ups	Total Research Expenditures	Disclosures	Adjusted Gross Income	Active Licenses and Options	Issued Patents	Running Royalties	Adjusted Gross Income
Fred Hutchinson Cancer Research Center	Hospital / Research Institution	1988	8	\$542,760,114	55	2	\$8,124,031	162	39	4	\$1,471,202,877	436		313	12	\$1,527,965	\$8,124,031
The General Hospital dba Massachusetts General Hospital	Hospital / Research Institution	1976	19	\$1,004,410,981	128	60	\$298,897,875	355	1,603	3	\$2,843,992,160	1,030	\$384,189,854	1,333	175	\$92,518,472	\$228,008,358
George Washington University	University	2003	2	\$269,762,828	1	3	\$1,114,713	68	32	2	\$775,937,021	194	\$2,563,225	14	16	\$916,022	\$1,114,713
Georgetown University	University	1993	5.75	\$148,291,726	6	1	\$434,517	60	69	0	\$437,176,653	149	\$8,147,756	81	15	\$363,614	\$391,595
Georgia State University	University	2007	1	\$195,572,000	2	0	\$73,498	26	18	2					11	\$0	\$73,498
H. Lee Moffitt Cancer Center & Research Institute	Hospital / Research Institution	2003	2.5	\$202,608,422	12	5	\$2,997,894	59	56	2	\$553,876,148	119	\$36,880,695	71	24		\$2,952,247
Harvard University	University	1977	12	\$915,000,000	69	40	\$97,891,618	450	224	15	\$2,670,100,000	1,422	\$154,792,995	1,074	163	\$11,703,013	\$70,754,500
Indiana University	University	1991	9.9	\$522,154,225	13	8	\$2,297,038	176	81	2	\$1,472,621,894	511	\$10,589,629	280	49	\$1,989,663	\$1,706,555
Iowa State University	University	1935	9.15	\$391,881,578	39	7	\$2,902,185	165	46	4	\$1,167,055,934	440	\$11,316,677	354	32	\$2,813,991	\$2,902,185
Johns Hopkins University	University	1973	20.83	\$1,886,017,767	86	8	\$73,494,269	443	282	18	\$5,499,486,379	1,459	\$104,327,848	1,089	150	\$8,172,090	\$72,742,645
Johns Hopkins University Applied Physics Laboratory	University	1999		\$1,693,531,140	26	11	\$489,004	419	82	1	\$4,517,433,568	1,193					
Kansas State University Research Foundation	University	1942	5.4	\$218,622,000	17	12	\$4,591,996	70	39	2	\$633,399,000	236	\$10,603,149	141	15	\$766,578	\$4,565,741
Louisiana State University System	University	1986	10.5	\$364,245,986	38	6	\$10,549,516	184	122	3	\$1,045,357,986	526	\$26,989,634	252	31	\$9,667,744	\$10,424,027
Louisiana Tech University	University	2000	1	\$26,143,024	0	1	\$154,000	11	11	1	\$76,229,391	32	\$479,062	14	3	\$145,000	\$147,625
Loyola University Chicago	University		0.25	\$39,221,841	0	0	\$1,224,658	5	5	0	\$118,291,742			0	0	\$1,224,658	\$1,224,658

AUTM 2019 Licensing Activity Survey Appendix



INSTITUTION				KEY METRICS							CUMULATIVE, 2017 – 19			OTHER BENCHMARKS			
Institution Name	Institution Type	Program Start	Licensing Full-Time Equivalents	Total Research Expenditures	Total Licenses	Total Options	Gross License Income	Disclosures	New Patent Applications	Start-Ups	Total Research Expenditures	Disclosures	Adjusted Gross Income	Active Licenses and Options	Issued Patents	Running Royalties	Adjusted Gross Income
Marquette University	University	1999	1.5	\$37,777,000	1	0	\$432,750	14	43	0	\$101,037,000	49	\$2,468,600	16	2	\$7,000	\$432,750
Massachusetts Institute of Technology	University	1940	25	\$1,839,900,000	112	31	\$46,500,000	801	441	25	\$5,332,910,000	2,417	\$114,120,000	1,365	394	\$35,000,000	\$42,890,000
Mayo Foundation for Medical Education and Research	Hospital / Research Institution	1986	25	\$891,000,000	105	14	\$77,007,005	631	112	11	\$2,466,000,000	1,643	\$186,575,070	1,071	127	\$57,686,320	\$72,111,736
Medical College of Wisconsin Research Foundation	University	1984	3	\$273,404,000	7	0	\$147,559	71	31	4	\$860,177,712	153		66	7	\$0	\$142,564
Memorial Sloan Kettering Cancer Center	Hospital / Research Institution	1981	10	\$741,000,000	104	5	\$160,801,301	129	80	5	\$2,068,037,392	365	\$371,332,981	657	58	\$26,678,603	\$160,458,655
Michigan State University	University	1992	9	\$725,708,000	34	12	\$3,259,540	181	63	4	\$2,135,915,000	470	\$12,041,281	378	59	\$2,761,802	\$3,224,005
Michigan Technological University	University	1988	2	\$80,443,225	6	2	\$334,790	35	7	1	\$230,750,800	99	\$1,015,504	181	5	\$0	\$334,790
Mississippi State University	University	1985	3.75	\$264,526,000	10	0	\$164,000	23	11	3	\$749,599,638	103	\$505,857	62	1	\$114,000	\$164,000
Montana State University	University	1980	2.25	\$138,819,511	28	17	\$429,991	25	23	1	\$396,405,007	62	\$1,124,057	281	6	\$413,741	\$429,991
Morgan State University	University	2016	2	\$13,523,000	0	2	\$10,000	25	15	2	\$46,317,844	67	\$40,000	4	2	\$0	\$10,000
Mount Sinai School of Medicine	University	1991	12.7	\$585,824,262	41	18	\$18,072,000	154	61	5	\$1,610,610,355	426	\$52,086,504	262	25	\$11,356,919	\$14,400,248
Nationwide Children's Hospital	Hospital / Research Institution	2008	5	\$195,767,348	25	4	\$37,418,978	88	53	1	\$545,862,390	260	\$82,961,768	65	12	\$7,246,270	\$36,291,336
New York University	University	1989	8	\$705,548,000	71	3	\$71,630,327	174	82	18	\$2,052,518,000	517	\$318,698,662	617	80	\$63,331,587	\$71,398,848
North Carolina State University	University	1984	7	\$541,100,000	109	66	\$5,402,735	295	114	21	\$1,551,386,000	846		1,424	47	\$2,445,531	

AUTM 2019 Licensing Activity Survey Appendix



INSTITUTION				KEY METRICS							CUMULATIVE, 2017 – 19			OTHER BENCHMARKS			
Institution Name	Institution Type	Program Start	Licensing Full-Time Equivalents	Total Research Expenditures	Total Licenses	Total Options	Gross License Income	Disclosures	New Patent Applications	Start-Ups	Total Research Expenditures	Disclosures	Adjusted Gross Income	Active Licenses and Options	Issued Patents	Running Royalties	Adjusted Gross Income
North Dakota State University	University	1995	2	\$152,381,000	51	0	\$1,155,639	29	4	0				362	6	\$1,126,939	\$1,127,155
Northeastern University	University	2000	1.5	\$178,800,000	12	7	\$652,631	87	194	7	\$479,800,000			49	25	\$3,000	
Northern Arizona University	University	2008	1	\$58,914,000	3	1	\$10,500	50	17	0	\$158,066,000	146	\$81,119	16	19	\$10,500	\$10,500
Northern Illinois University	University	1988	1	\$26,900,000	0	1	\$13,000	5	4	1	\$48,814,888	25	\$13,000	3	6	\$11,000	\$13,000
Northwestern University	University	1990	12	\$634,802,892	45	15	\$261,129,388	230	203	12	\$1,800,482,001	653	\$22,218,650	344	197	\$258,286,791	\$7,894,091
Ohio State University	University	1990	8	\$931,116,266	54	21	\$8,862,893	418	230	14	\$2,670,457,211	1,327	\$19,823,581	253	71	\$2,003,210	\$8,686,018
Ohio University	University	1991	2	\$53,735,000	1	1	\$5,224,005	32	41	1	\$168,130,000	84	\$15,035,674	8	9	\$5,199,005	\$5,224,005
Oklahoma State University	University	1995	5	\$193,845,734	7	6	\$2,812,499	37	18	4	\$474,944,398	123	\$8,010,593	86	9	\$2,670,819	\$2,583,381
Oregon Health & Science University	University	1989	6	\$418,647,716	108	10	\$2,808,270	144	43	4	\$1,153,930,691	426	\$5,942,952	511	24	\$798,437	\$2,405,436
Oregon State University	University	1980	5	\$263,830,000	79	12	\$4,214,314	80	37	4	\$806,541,000	225	\$11,569,238	530	19	\$3,876,884	\$4,214,314
Penn State University	University	1989	6.5	\$968,174,000	6	1	\$1,385,394	186	148	2	\$2,757,616,000	508	\$3,728,647	179	57	\$323,527	\$1,297,297
Portland State University	University	2005		\$65,303,597	17	0	\$555,894	24	14	3	\$187,394,511	52	\$1,839,688				\$555,894
Princeton University	University	1986	5	\$342,648,872	21	4	\$9,023,428	108	149	7	\$895,753,414	317	\$78,670,037	115	48	\$8,076,097	\$5,574,797
Purdue Research Foundation	University	1988	13	\$671,615,000	87	49	\$6,556,513	380	203	17	\$1,978,702,000	1,064			141	\$714,644	
The Research Foundation for The State University of New York	University	1979	20.8	\$1,057,174,337	42	16	\$7,564,679	270	164	5	\$2,918,092,864	767	\$29,096,427	473	74	\$4,256,238	\$7,526,608
Rice University	University	1998	3	\$141,851,585	6	7	\$506,358	81	28	8	\$397,831,865	263	\$2,691,171	34	23	\$9,740	\$503,858
Rochester Institute of Technology	University	2003	0.3	\$60,000,000	4	1	\$200,000	20	18	8	\$160,676,000	65	\$541,320	9	7	\$30,000	\$200,000

AUTM 2019 Licensing Activity Survey Appendix



INSTITUTION

KEY METRICS

CUMULATIVE, 2017 – 19

OTHER BENCHMARKS

Institution Name	Institution Type	Program Start	Licensing Full-Time Equivalents	Total Research Expenditures	Total Licenses	Total Options	Gross License Income	Disclosures	New Patent Applications	Start-Ups	Total Research Expenditures	Disclosures	Adjusted Gross Income	Active Licenses and Options	Issued Patents	Running Royalties	Adjusted Gross Income
Rosalind Franklin University of Medicine and Science	University	2004	0	\$16,126,000	0	0	\$0	3	2	0	\$49,891,006	10		2	2	\$0	\$0
Rowan University	University	2013	2	\$34,690,834	2	1	\$113,573	24	24	1	\$82,532,258	69	\$544,573	7	4	\$59,058	\$113,573
Rutgers, The State University of New Jersey	University	1989	16.71	\$687,121,000	54	14	\$15,504,155	195	97	8	\$1,927,174,434	534	\$55,961,201	990	71	\$11,147,810	\$14,152,613
St. Jude Children's Research Hospital	Hospital / Research Institution	1995	3	\$436,900,000	14	2	\$20,904,362	58	16	3	\$1,215,900,000	135	\$39,875,501	251	9	\$4,294,474	\$20,310,389
The Salk Institute for Biological Studies	Hospital / Research Institution	1982	3	\$115,659,000	11	3	\$1,311,567	39	10	0				178	10	\$341,000	\$1,251,030
San Diego State University	University	1997	2	\$50,372,264	260	0	\$1,218,975	20	10	0	\$154,319,341	96			5		
Seattle Children's Research Institute	Hospital / Research Institution	2017	2	\$156,000,000	2	0	\$3,067,030	39	46	0	\$395,419,000	101		8		\$0	
Southern Illinois University	University	1993	3	\$46,873,624	3	0	\$1,141,434	10	10	0				20	9	\$1,068,583	\$1,137,610
Stanford University	University	1970	16	\$1,630,000,000	91	24	\$49,300,000	564	327	24		1,601		0	0	\$0	\$49,300,000
Stevens Institute of Technology	University	2000	0.4	\$54,474,314	2	2	\$127,000	38	22	4				5	7	\$0	\$100,500
Temple University	University	1984	2	\$284,301,000	6	6	\$388,355	71	19	4	\$627,353,223	248	\$1,527,346	66	19	\$32,355	\$388,355
Texas A&M	University	1992	9	\$952,156,000	46	29	\$7,337,407	268	81	11	\$2,779,800,000	686	\$20,743,015	74	44	\$6,203,028	\$7,183,569
Texas Tech University System	University	1998	2.5	\$239,194,000	9	16	\$1,173,017	118	41	6	\$741,252,000	394	\$2,707,106	87	11	\$401,561	\$1,173,017
Tufts Medical Center	Hospital / Research Institution	1993	1	\$72,003,000	1	1	\$202,586	11	8	0	\$192,589,000	52	\$2,657,372	30	6	\$1,932	\$172,084
Tufts University	University	1978	7	\$190,735,919	8	7	\$4,629,421	65	31	10	\$565,798,970	176	\$17,047,021	93	28	\$1,247,982	\$4,617,040
Tulane University	University	1985	3	\$156,471,388	3	1	\$1,688,783	31		3	\$436,091,222	107	\$5,177,908	45	7	\$1,618,283	\$1,688,783
UAB Research Foundation	University	1987	4.5	\$607,863,000	27	3	\$6,426,238	90	55	4	\$1,757,921,000	281	\$16,263,870	593	16	\$3,338,469	\$6,268,166

AUTM 2019 Licensing Activity Survey Appendix



INSTITUTION				KEY METRICS							CUMULATIVE, 2017 – 19			OTHER BENCHMARKS			
Institution Name	Institution Type	Program Start	Licensing Full-Time Equivalents	Total Research Expenditures	Total Licenses	Total Options	Gross License Income	Disclosures	New Patent Applications	Start-Ups	Total Research Expenditures	Disclosures	Adjusted Gross Income	Active Licenses and Options	Issued Patents	Running Royalties	Adjusted Gross Income
University Hospitals	Hospital / Research Institution	2010		\$204,000,000	16	13	\$82,256	86	133	6							
University of Akron	University	1995	0.6	\$30,020,000	3	2	\$271,293	64	82	2	\$103,928,663	189	\$576,138		43	\$0	\$271,293
University of Alabama in Huntsville	University	1999	1	\$94,279,967	2	1	\$275,826	48	23	1	\$257,495,848	142	\$373,107	11	11	\$275,826	\$275,826
University of Alaska Fairbanks	University	2011	1.25	\$118,040,000	3	0	\$25,000	25	1	3				7	1	\$25,000	\$25,000
University of Arizona	University	1988	9.25	\$732,874,000	76	20	\$5,901,957	284	133	11	\$2,042,140,000	820	\$12,220,155	442	56	\$2,952,010	\$5,799,740
University of Arkansas for Medical Sciences	Hospital / Research Institution	1994	2	\$79,495,396	9	0	\$1,417,046	27	4	2	\$195,232,083	94	\$4,818,644	43	8	\$1,111,657	\$1,315,861
University of Arkansas, Fayetteville	University	1990	8	\$91,373,264	26	5	\$1,765,463	67	42	3	\$424,662,264	164	\$5,061,292	304	45	\$1,715,463	\$1,763,463
University of California System	University	1979	95.25	\$6,988,400,000	261	64	\$103,761,000	1,726	1,463	102	\$16,357,400,000	4,996	\$368,806,178	2,380	547	\$55,913,000	\$62,729,000
University of Central Florida	University	1985	5	\$225,085,000	25	3	\$1,272,771	126	75	5	\$674,119,000	336	\$6,065,034	135	45	\$1,028,506	\$1,271,521
University of Chicago	University	1986	10		23	6		160	79			410					
University of Cincinnati	University	1983	4.3	\$254,379,918	15	3	\$612,982	136	59	5	\$763,562,559	365	\$1,424,270	192	21	\$110,852	\$573,482
University of Colorado System	University	1993	11.5	\$984,067,213	57	22	\$25,105,003	309	535	13			\$29,418,211	556	79	\$21,974,544	\$25,052,777
University of Connecticut	University	1987	3.8	\$286,764,000	10	12	\$580,257	90	57	2	\$647,071,000	222	\$2,640,643	113	34	\$96,959	\$487,988
University of Delaware	University	1997	4	\$160,779,912	5	1	\$392,522	45	68	2	\$449,713,653	144	\$538,036	46	11	\$392,522	\$392,522
University of Denver	University	2004	1	\$41,400,000	2	0	\$160,000	4	2	0	\$99,955,957			4	8	\$130,000	\$160,000
University of Florida	University	1983	13.5	\$719,462,566	205	56	\$94,715,889	355	188	14	\$2,001,233,976	1,046	\$179,674,571	2,060	124	\$43,978,339	\$93,395,072
University of Georgia	University	1979	6.7	\$477,536,000	123	59	\$11,044,508	202	45	6	\$1,386,217,000	619	\$28,602,986	1,335	33	\$9,646,808	\$10,489,981

AUTM 2019 Licensing Activity Survey Appendix



INSTITUTION				KEY METRICS							CUMULATIVE, 2017 – 19			OTHER BENCHMARKS			
Institution Name	Institution Type	Program Start	Licensing Full-Time Equivalents	Total Research Expenditures	Total Licenses	Total Options	Gross License Income	Disclosures	New Patent Applications	Start-Ups	Total Research Expenditures	Disclosures	Adjusted Gross Income	Active Licenses and Options	Issued Patents	Running Royalties	Adjusted Gross Income
University of Hawaii	University	1987	3.17	\$299,439,000	7	0	\$206,687	41	25	2	\$894,327,143	134	\$633,065	133	5	\$134,737	\$206,687
University of Houston	University	1996	6	\$195,397,591	5	4	\$65,686,595	61	60	4	\$542,797,591	200	\$142,524,730	38	39	\$50,103,346	\$65,686,595
University of Idaho	University	1986	3	\$113,107,178	3	0	\$2,594,965	26	4	0	\$334,234,556	68	\$5,672,385	45	0		\$2,594,919
University of Illinois, Chicago, Urbana	University	1981	14.2	\$1,060,472,000	73	13	\$47,166,693	421	150	6	\$3,111,653,000	1,142	\$108,075,031	648	112	\$43,772,055	\$46,846,810
University of Iowa Research Foundation	University	1975	2.5	\$467,877,095	41	7	\$1,772,332	83	37	5	\$1,389,364,927	319	\$5,220,362	193	22	\$707,142	\$1,743,177
University of Kansas	University	1994	5	\$263,871,170	60	1	\$10,952,457	64	45	7	\$749,771,805	203	\$31,170,294	171	28	\$9,775,162	\$10,946,457
University of Kentucky Research Foundation	University	1984	10	\$336,737,640	10	8	\$2,271,460	104	67	4	\$938,166,326	259	\$9,137,626	132	26	\$2,271,460	\$2,244,691
University of Louisiana at Lafayette	University	2012	0.5	\$144,187,000	1	1	\$29,707	17	22	1		54			7	\$29,707	\$29,707
University of Louisville	University	1996	2.9	\$173,462,000	11	9	\$762,593	98	54	5	\$527,705,000	253	\$3,933,535	65	25	\$35,275	\$736,159
University of Massachusetts System	University	1994	10.75	\$683,650,000	23	4	\$49,108,251	204	114	10	\$2,004,657,000	600	\$225,017,942	276	76	\$23,438,826	\$44,503,051
University of Miami	University	1989	2.75	\$355,234,542	32	3	\$11,747,774	133	44	7	\$1,026,231,978	296	\$28,297,527	196	20	\$9,266,860	\$11,747,774
University of Michigan	University	1982	16	\$1,622,428,519	171	61	\$16,363,250	502	198	22	\$4,653,247,048	1,430	\$38,102,984	753	171	\$9,020,630	\$14,160,581
University of Minnesota	University	1957	19.5	\$1,042,797,000	164	59	\$20,711,520	391	169	19	\$2,973,180,000	1,197	\$57,845,070	873	117	\$8,182,635	\$20,565,303
University of Mississippi	University	1992	3	\$86,959,000	0	1	\$545,451	17	7	2	\$238,146,000	41					
University of Missouri, all campuses	University	1987	8.1	\$361,168,278	73	13	\$7,410,992	167	48	5	\$1,027,320,030	560	\$16,219,366	381	61	\$6,199,369	\$7,402,077
University of Nebraska	University	1992	10.31	\$489,919,078	44	11	\$6,398,344	217	134	4	\$1,414,626,073	612	\$13,569,993	280	52	\$5,577,519	\$6,148,020

AUTM 2019 Licensing Activity Survey Appendix



INSTITUTION				KEY METRICS							CUMULATIVE, 2017 – 19			OTHER BENCHMARKS			
Institution Name	Institution Type	Program Start	Licensing Full-Time Equivalents	Total Research Expenditures	Total Licenses	Total Options	Gross License Income	Disclosures	New Patent Applications	Start-Ups	Total Research Expenditures	Disclosures	Adjusted Gross Income	Active Licenses and Options	Issued Patents	Running Royalties	Adjusted Gross Income
University of Nevada at Las Vegas	University	2005	2	\$99,445,000	9	0	\$405,122	39	8	1	\$256,798,000	137	\$1,058,712	55	10	\$0	\$405,122
University of Nevada at Reno	University	2000	2	\$152,128,000	5	0	\$333,556	23	36	1	\$298,482,116	67	\$1,031,362	31	12	\$304,955	\$333,556
University of New Hampshire	University	1997	3.25	\$148,980,000	78	2	\$1,050,000	47	8	1	\$359,331,045	158	\$2,989,746	794	5	\$177,977	\$1,050,000
University of New Mexico/Sci. & Tech. Corp.	University	1995	5	\$239,695,611	15	38	\$1,330,634	124	102	11	\$737,613,350	345	\$3,927,669	73	63	\$309,436	\$1,202,166
University of North Carolina at Chapel Hill	University	1985	13	\$867,016,132	78	2	\$7,537,033	178	79	11	\$2,547,192,756	525	\$18,438,646	500	55	\$729,630	\$6,918,342
University of North Carolina, Charlotte	University	1993	2	\$45,045,180	1	4	\$124,691	23	45	4	\$121,854,142	111	\$389,066	35	19	\$75,359	\$124,691
University of North Carolina Wilmington	University	2015	1	\$17,515,000	8	0	\$45,000	7	0	1	\$50,485,000	18			1	\$0	\$45,000
University of North Texas Denton	University	2015	2	\$23,896,158	7	3	\$333,100	44	10	6	\$87,185,561	128	\$376,218	18	5	\$0	\$333,100
University of North Texas Health Science Center	University	1999	1.5	\$46,782,830	1	0	\$28,550	24	6	1	\$136,626,336	51	\$74,578	37	0		\$24,300
University of Northern Iowa	University	2002	0.1	\$40,865,000	2	1	\$45,000	10	2	1	\$118,165,000	31	\$93,700	11	2	\$45,000	\$45,000
University of Notre Dame	University	1999	3	\$240,077,996	5	1	\$970,533	51	31	4	\$672,893,996	266	\$1,693,594	90	23	\$517,033	\$829,810
University of Oklahoma, all campuses	University	1984	4	\$299,661,667	4	0	\$1,520,596	65	49	2	\$722,746,525	215	\$9,159,724	59	26	\$371,594	\$1,187,924
University of Oregon	University	1992	4.25	\$88,382,901	1,386	1	\$9,988,827	49	10	1	\$243,673,920	120	\$27,535,675	1,701	2	\$886,874	\$9,811,360
University of Pennsylvania	University	1986	17	\$1,031,159,764	152	27	\$113,674,052	364	121	13	\$2,979,557,112	1,093	\$211,850,961	939	97	\$7,509,306	\$111,776,628
University of Pittsburgh	University	1992	8.8	\$859,690,000	124	38	\$5,204,369	367	78	17	\$2,432,250,000	1,059	\$12,538,910	604	91	\$2,604,324	\$4,993,810

AUTM 2019 Licensing Activity Survey Appendix



INSTITUTION				KEY METRICS							CUMULATIVE, 2017 – 19			OTHER BENCHMARKS			
Institution Name	Institution Type	Program Start	Licensing Full-Time Equivalents	Total Research Expenditures	Total Licenses	Total Options	Gross License Income	Disclosures	New Patent Applications	Start-Ups	Total Research Expenditures	Disclosures	Adjusted Gross Income	Active Licenses and Options	Issued Patents	Running Royalties	Adjusted Gross Income
University of Rhode Island	University	1991	2		4	0	\$49,073	42	20	0		78	\$460,312	32	8		\$31,748
University of Rochester	University	1980	4	\$407,392,000	19	7	\$1,529,394	122	61	3	\$1,153,621,000	369	\$13,155,558	161	32	\$748,354	\$1,506,666
University of South Alabama	University	1995	2	\$87,096,011	3	0	\$100,883	24	15	0	\$205,236,277	95	\$2,844,341	19	2	\$100,883	\$100,883
University of South Carolina	University	1993	1	\$212,009,000	6	2	\$68,225	79	75	2	\$651,979,000	197	\$224,473	66	36	\$16,526	\$68,225
University of South Florida	University	1990		\$405,000,000	62	36	\$3,690,000	173	104	6	\$1,565,406,000	572					
University of Southern California	University	1971	10	\$909,683,000	45	5	\$4,266,562	211	93	7	\$2,565,630,295	703	\$18,926,785	285	79	\$3,272,930	\$4,151,812
University of Tennessee	University	1983	6.5	\$425,711,731	26	4	\$776,966	168	64	1	\$1,197,444,792	519	\$6,495,257	184	36	\$317,373	\$723,344
University of Texas System	University	1985	43.65	\$3,094,154,408	233	62	\$134,667,864	833	438	45	\$8,910,108,895	2,559	\$218,861,694	1,482	294	\$36,466,579	\$105,915,343
University of Toledo	University	1994	3	\$55,006,000	10	1	\$1,042,349	52	21	2	\$155,356,000	167	\$8,462,354	115	17	\$706,193	\$1,042,349
University of Utah	University	1968	14	\$601,133,000	30	12	\$10,724,727	218	86	8	\$1,533,734,000	594	\$27,127,669	223	56	\$9,456,123	\$10,473,927
University of Vermont	University	1998	1	\$144,000,000	5	1	\$362,000	37	14	0	\$403,000,000	120	\$1,031,221	43	14	\$2,000,000	\$340,500
University of Virginia Patent Foundation	University	1977	6.5	\$613,938,000	49	29	\$3,475,387	238	91	9	\$1,635,381,000	658	\$9,094,249	568	54	\$803,220	\$3,432,603
University of Washington	University	1983	9.5	\$1,320,000,000	399	12	\$19,110,830	287	160	14	\$3,930,000,000	879	\$57,620,821	1,335	69	\$5,989,359	\$18,681,503
University of Wisconsin-Madison/Wisconsin Alumni Research Foundation	University	1925	24	\$1,297,331,000	53	15	\$17,190,000	342	130	10	\$3,699,982,000	1,111	\$55,329,800	658	182	\$14,080,000	\$17,010,000
University of Wisconsin-Milwaukee Research Foundation	University	2000	3	\$53,114,540	2	3	\$26,954	47	14	1	\$162,300,476	155	\$77,398	42	2	\$9,454	\$25,454

AUTM 2019 Licensing Activity Survey Appendix



INSTITUTION				KEY METRICS							CUMULATIVE, 2017 – 19			OTHER BENCHMARKS			
Institution Name	Institution Type	Program Start	Licensing Full-Time Equivalents	Total Research Expenditures	Total Licenses	Total Options	Gross License Income	Disclosures	New Patent Applications	Start-Ups	Total Research Expenditures	Disclosures	Adjusted Gross Income	Active Licenses and Options	Issued Patents	Running Royalties	Adjusted Gross Income
University System of Maryland	University	1987	11.3	\$1,216,024,294	49	19	\$3,717,530	331	198	19	\$3,449,770,445	1,003	\$11,127,353	480	93	\$2,433,357	\$3,436,148
Utah State University	University	1987	2	\$283,916,774	29	0	\$1,968,230	33	11	0				61	15		
Vanderbilt University	University	1990	11.25	\$776,937,267	80	10	\$11,734,219	197	122	4	\$2,189,786,394	589	\$34,288,392	686	74	\$2,780,349	\$11,403,385
Virginia Commonwealth University	University	1994	4	\$259,457,359	14	9	\$2,598,518	114	187	6	\$741,111,183	382		214	24	\$2,089,526	\$2,504,582
Washington State University	University	1985	7	\$211,913,753	44	19	\$6,774,241	99	69	5	\$603,858,015	327	\$12,211,309	298	27	\$6,266,008	\$6,758,164
Washington University in St. Louis	University	1986	10	\$865,000,000	102	14	\$10,760,618	221	129	7	\$2,271,041,000	637	\$37,519,233	616	54		\$10,636,818
Wayne State University	University	1988	2	\$244,217,000	1	4	\$715,247	59	14	1	\$710,167,000	179		65	28	\$57,760	
Wistar Institute	University	1991	3	\$68,301,000	45	8	\$6,620,000	45	37	2	\$209,799,000	140	\$48,146,000	201	9	\$4,897,000	\$6,534,000
WiSys Technology Foundation	University	2005	3	\$20,180,264	6	2	\$178,000	61	12	2	\$59,664,419	194	\$660,005	15	6	\$6,834	\$178,000
Worcester Polytechnic Institute	University	2012	3	\$32,000,000	13	1	\$38,000	60	31	4				49	20	\$0	\$38,000
Wright State University	University	2001	0	\$64,208,000	0	0	\$43,382	15	7	0					3	\$3,382	\$43,382