

***Pseudo ranking of 112 US higher Education and research institutions in fundamental biology  
When only publications in the top 10% of their discipline are considered ( $\phi = 0.1$ )  
When the relative impact factor of the journal (3 years window) is used to account for publications  
impact***

Institution	Strong dominance Rank	Strong dominance Importance	Dominance Rank	Dominance Importance	Weak dominance Rank	Weak dominance Importance
Harvard	1	.72636804324684	1	.72793816484595	1	.72810286362847
Stanford	4	.04450497645978	2	.12132302747433	2	.12135047727141
UCSF	2	.13180922106976	2	.12132302747433	2	.12135047727141
Yale	5	.02836540121938	4	.01701203241383	4	.01719341565075
Johns_Hopkins	3	.05506060302413	5	.00641694433045	5	.00606332778898
Columbia	9	.00122435804265	6	.00320847216522	6	.00303166389449
Berkeley	8	.00200178156069	7	.00161849595890	7	.00168892002426
UCSD	7	.00204059673774	8	.00045916801653	8	.00060633277890
UCLA	6	.00611587206407	9	.00036505283302	10	.00013427438702
MIT	13	.00038871175902	10	.00023528795878	9	.00042223000607
Pennsylvania	10	.00076522377665	11	.00005368424015	11	.00002582199750
WU_St_Louis	12	.00051014918444	12	.00002941099485	12	.00002163600963
Seattle	11	.00076300447072	13	.00001300165191	13	.00000625376502
Texas_SW_Med_Center	14	.00002705170795	14	.00000194452858	14	.00000104901865
WI_Madison	15	.00002477314606	15	.00000113430834	15	.00000061192755
Rockefeller	21	.00000032280814	16	.00000052814357	16	.00000030853490
Baylor_Coll_Med	18	.00000676292699	17	.00000040511012	17	.00000021854555
UM_Ann_Arbor	16	.00000869524417	18	.00000010802937	18	.00000005827881
Cornell	19	.00000397282708	19	.00000006481762	19	.00000003496729
NYU	20	.00000128288806	20	.00000002886615	20	.00000001570387
Duke	16	.00000869524417	21	.00000001246493	21	.00000000672448
UNC	23	.00000012647256	22	.00000000251408	22	.00000000136024
Chicago	23	.00000012647256	23	.00000000062852	23	.00000000034006
UC_Davis	25	.00000009087182	24	.00000000012297	24	.00000000006653
Northwestern	26	.00000001186691	25	.00000000006832	25	.00000000003696
Pittsburgh	22	.00000013200585	26	.00000000002733	26	.00000000001479
Vanderbilt	27	.00000000893311	27	.00000000000547	27	.00000000000296
Twin_Cities	30	.00000000102709	28	.00000000000455	28	.00000000000246
Caltech	28	.00000000115528	29	.00000000000137	29	.00000000000074
UC_Irvine	29	.00000000107705	30	.00000000000017	30	.00000000000009
Utah	31	.00000000027742	30	.00000000000017	30	.00000000000009
MA_Med_Sch	35	.00000000001282	32	.00000000000008	32	.00000000000004
Princeton	40	.00000000000086	33	.00000000000001	33	.00000000000001
Iowa	34	.00000000004605	34	.00000000000001	34	.00000000000001
Emory	33	.00000000016547	35	.00000000000001	35	.00000000000001
Boston	36	.00000000001204	36	.00000000000001	36	.00000000000001
OR_Health_Sci	32	.00000000017971	37	.00000000000000	37	.00000000000000
Virginia	37	.00000000000993	38	.00000000000000	38	.00000000000000

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Tufts	42	.00000000000018	39	.00000000000000	39	.00000000000000
Yeshiva	38	.000000000000248	40	.00000000000000	40	.00000000000000
PA_Univ_Park	48	.000000000000001	41	.00000000000000	41	.00000000000000
CWRU	41	.000000000000054	42	.00000000000000	42	.00000000000000
Mt_Sinai	43	.000000000000013	43	.00000000000000	43	.00000000000000
Urbana_Champaign	39	.000000000000157	44	.00000000000000	44	.00000000000000
Arizona	44	.000000000000003	45	.00000000000000	45	.00000000000000
Mayo_Coll_Med	49	.000000000000001	46	.00000000000000	46	.00000000000000
USC	47	.000000000000001	47	.00000000000000	47	.00000000000000
Columbus	45	.000000000000001	48	.00000000000000	49	.00000000000000
New_Brunswick	52	.000000000000000	49	.00000000000000	48	.00000000000000
Rochester	45	.000000000000001	50	.00000000000000	50	.00000000000000
Purdue	51	.000000000000000	51	.00000000000000	51	.00000000000000
CO_Health	55	.000000000000000	52	.00000000000000	52	.00000000000000
Stony_Brook	50	.000000000000000	53	.00000000000000	54	.00000000000000
CO_Boulder	59	.000000000000000	54	.00000000000000	53	.00000000000000
Birmingham	54	.000000000000000	55	.00000000000000	55	.00000000000000
Brandeis	56	.000000000000000	56	.00000000000000	56	.00000000000000
Florida	56	.000000000000000	56	.00000000000000	56	.00000000000000
TX_Anderson	60	.000000000000000	58	.00000000000000	58	.00000000000000
UMDNJ	53	.000000000000000	59	.00000000000000	59	.00000000000000
Georgia	62	.000000000000000	60	.00000000000000	60	.00000000000000
Austin	58	.000000000000000	61	.00000000000000	61	.00000000000000
Dartmouth_Coll	61	.000000000000000	61	.00000000000000	61	.00000000000000
Texas_AM	65	.000000000000000	63	.00000000000000	63	.00000000000000
IL_Chicago	64	.000000000000000	64	.00000000000000	64	.00000000000000
CT_Health	63	.000000000000000	65	.00000000000000	65	.00000000000000
Brown	70	.000000000000000	66	.00000000000000	66	.00000000000000
Health_Houston	67	.000000000000000	67	.00000000000000	67	.00000000000000
MD_Baltimore	66	.000000000000000	67	.00000000000000	67	.00000000000000
Oregon	68	.000000000000000	69	.00000000000000	69	.00000000000000
MD_Coll_Park	69	.000000000000000	70	.00000000000000	70	.00000000000000
Michigan	72	.000000000000000	71	.00000000000000	71	.00000000000000
Wake_Forest	73	.000000000000000	71	.00000000000000	71	.00000000000000
Cincinnati	71	.000000000000000	73	.00000000000000	73	.00000000000000
Santa_Cruz	86	.000000000000000	74	.00000000000000	74	.00000000000000
Bloomington	76	.000000000000000	75	.00000000000000	75	.00000000000000
Raleigh	80	.000000000000000	76	.00000000000000	76	.00000000000000

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TX_Health_SA	74	.0000000000000000	77	.0000000000000000	77	.0000000000000000
Iowa_State	79	.0000000000000000	78	.0000000000000000	78	.0000000000000000
UCSB	77	.0000000000000000	79	.0000000000000000	79	.0000000000000000
UC_Riverside	78	.0000000000000000	79	.0000000000000000	79	.0000000000000000
MA_Amherst	84	.0000000000000000	81	.0000000000000000	81	.0000000000000000
Miami	75	.0000000000000000	82	.0000000000000000	82	.0000000000000000
Oregon_State	87	.0000000000000000	83	.0000000000000000	83	.0000000000000000
WI_Med_Coll	81	.0000000000000000	84	.0000000000000000	86	.0000000000000000
Albuquerque	82	.0000000000000000	85	.0000000000000000	84	.0000000000000000
TN_Health	82	.0000000000000000	85	.0000000000000000	84	.0000000000000000
Rice	85	.0000000000000000	87	.0000000000000000	87	.0000000000000000
Georgia_Inst_Tech	88	.0000000000000000	88	.0000000000000000	88	.0000000000000000
Carnegie_Mellon	89	.0000000000000000	89	.0000000000000000	90	.0000000000000000
Manoa	93	.0000000000000000	90	.0000000000000000	89	.0000000000000000
CO_State	91	.0000000000000000	91	.0000000000000000	91	.0000000000000000
SUNY_Albany	95	.0000000000000000	92	.0000000000000000	92	.0000000000000000
Virginia_Comm	90	.0000000000000000	93	.0000000000000000	94	.0000000000000000
George_Washington	92	.0000000000000000	94	.0000000000000000	93	.0000000000000000
Notre_Dame	96	.0000000000000000	95	.0000000000000000	95	.0000000000000000
SUNY_Health_Brooklyn	94	.0000000000000000	96	.0000000000000000	96	.0000000000000000
CT_Storrs	98	.0000000000000000	97	.0000000000000000	97	.0000000000000000
AZ_Tempe	100	.0000000000000000	98	.0000000000000000	98	.0000000000000000
Florida_State	101	.0000000000000000	99	.0000000000000000	99	.0000000000000000
Lincoln	97	.0000000000000000	100	.0000000000000000	100	.0000000000000000
Rutgers_Newark	99	.0000000000000000	101	.0000000000000000	101	.0000000000000000
TN_Knoxville	102	.0000000000000000	102	.0000000000000000	102	.0000000000000000
Delaware	104	.0000000000000000	103	.0000000000000000	103	.0000000000000000
Virginia_Tech	103	.0000000000000000	104	.0000000000000000	104	.0000000000000000
NE_Med	105	.0000000000000000	105	.0000000000000000	105	.0000000000000000
Rensselaer	106	.0000000000000000	106	.0000000000000000	106	.0000000000000000
CUNY	107	.0000000000000000	107	.0000000000000000	107	.0000000000000000
Boston_Coll	108	.0000000000000000	108	.0000000000000000	108	.0000000000000000
George_Mason	109	.0000000000000000	109	.0000000000000000	109	.0000000000000000
So_Methodist	110	.0000000000000000	110	.0000000000000000	110	.0000000000000000
MA_Boston	111	.0000000000000000	111	.0000000000000000	111	.0000000000000000
Polytech_Brooklyn	112	.0000000000000000	112	.0000000000000000	112	.0000000000000000