

***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 direct 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	.74032991415040	1	.72854538936506	1	.72854228966591
Stanford	4	.02823696896577	2	.12142423156084	2	.12142371494432
UCSF	2	.17096399405472	2	.12142423156084	2	.12142371494432
Yale	3	.03942732178125	4	.01871402520721	4	.01870763459019
Johns_Hopkins	5	.00639581718941	5	.00367338670992	5	.00367116296128
Berkeley	11	.00017722171068	6	.00304669343920	6	.00305930246773
UCSD	9	.00042440701522	7	.00201023918377	7	.00201149137253
Columbia	6	.00639151774278	8	.00083157376307	8	.00082983579437
UCLA	8	.00098331042197	9	.00010693227836	9	.00010707558637
MIT	18	.00000101163450	10	.00009916904504	10	.00010051993823
Pennsylvania	7	.00636152089885	11	.00009737849284	11	.00009636802773
WU_St_Louis	10	.00022719570630	12	.00001506474208	12	.00001481849633
Texas_SW_Med_Center	16	.00000176452023	13	.00000698172875	13	.00000738452320
Seattle	12	.00005679892657	14	.00000339487146	14	.00000333937945
Duke	14	.00000582553093	15	.00000039467862	15	.00000040253980
Baylor_Coll_Med	13	.00000811413237	16	.00000033948715	17	.00000026930479
WI_Madison	15	.00000388368729	17	.00000033829596	16	.00000035781315
Rockefeller	28	.0000000094535	18	.00000014178581	18	.00000022494871
NYU	21	.00000064179578	19	.00000003758844	19	.00000005963553
Cornell	20	.00000065663499	20	.00000002943950	21	.00000001309633
UM_Ann_Arbor	17	.00000101426655	21	.00000001992032	20	.00000001580218
UNC	19	.00000099212099	22	.00000000528877	22	.00000000318147
Chicago	23	.00000001812203	23	.00000000114834	23	.00000000072262
Vanderbilt	22	.00000005276548	24	.00000000022967	24	.00000000014452
Caltech	33	.00000000002475	25	.00000000011483	25	.00000000007226
Northwestern	25	.00000000922590	26	.00000000005742	26	.00000000003613
MA_Med_Sch	29	.0000000049254	27	.0000000000933	27	.00000000000587
Pittsburgh	24	.00000001586187	28	.00000000000431	28	.00000000000271
UC_Davis	26	.00000000793093	29	.00000000000215	29	.00000000000136
UC_Irvine	27	.00000000098619	30	.00000000000043	30	.00000000000027
Princeton	39	.00000000000120	31	.00000000000018	31	.00000000000011
Utah	36	.00000000000859	31	.00000000000018	31	.00000000000011
Twin_Cities	32	.00000000014832	33	.00000000000007	33	.00000000000004
Yeshiva	31	.00000000017222	33	.00000000000007	33	.00000000000004
Virginia	34	.00000000002238	35	.00000000000001	35	.00000000000001
Emory	30	.00000000038465	36	.00000000000001	36	.00000000000000
Boston	38	.00000000000251	37	.00000000000000	37	.00000000000000
Iowa	37	.00000000000426	37	.00000000000000	37	.00000000000000
OR_Health_Sci	35	.00000000001195	39	.00000000000000	39	.00000000000000

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Mt_Sinai	41	.000000000000026	40	.000000000000000	40	.000000000000000
Urbana_Champaign	45	.000000000000002	41	.000000000000000	41	.000000000000000
Rochester	40	.000000000000074	42	.000000000000000	42	.000000000000000
CWRU	42	.000000000000014	43	.000000000000000	43	.000000000000000
PA_Univ_Park	51	.000000000000000	44	.000000000000000	44	.000000000000000
Stony_Brook	46	.000000000000002	45	.000000000000000	45	.000000000000000
New_Brunswick	44	.000000000000003	46	.000000000000000	46	.000000000000000
USC	48	.000000000000001	47	.000000000000000	47	.000000000000000
CO_Boulder	50	.000000000000000	48	.000000000000000	48	.000000000000000
Brandeis	56	.000000000000000	49	.000000000000000	49	.000000000000000
Arizona	49	.000000000000000	50	.000000000000000	50	.000000000000000
Columbus	43	.000000000000010	51	.000000000000000	51	.000000000000000
TX_Anderson	52	.000000000000000	52	.000000000000000	52	.000000000000000
UMDNJ	47	.000000000000001	53	.000000000000000	53	.000000000000000
Dartmouth_Coll	57	.000000000000000	54	.000000000000000	54	.000000000000000
Austin	55	.000000000000000	55	.000000000000000	55	.000000000000000
CO_Health	53	.000000000000000	56	.000000000000000	56	.000000000000000
Mayo_Coll_Med	54	.000000000000000	57	.000000000000000	58	.000000000000000
Texas_AM	64	.000000000000000	58	.000000000000000	57	.000000000000000
Tufts	59	.000000000000000	59	.000000000000000	59	.000000000000000
Georgia	62	.000000000000000	60	.000000000000000	60	.000000000000000
Birmingham	58	.000000000000000	61	.000000000000000	61	.000000000000000
IL_Chicago	60	.000000000000000	62	.000000000000000	62	.000000000000000
Oregon	63	.000000000000000	63	.000000000000000	63	.000000000000000
Purdue	67	.000000000000000	64	.000000000000000	64	.000000000000000
CT_Health	65	.000000000000000	65	.000000000000000	65	.000000000000000
Florida	61	.000000000000000	66	.000000000000000	66	.000000000000000
Health_Houston	68	.000000000000000	67	.000000000000000	67	.000000000000000
MD_Baltimore	66	.000000000000000	68	.000000000000000	68	.000000000000000
Santa_Cruz	75	.000000000000000	69	.000000000000000	69	.000000000000000
Brown	69	.000000000000000	70	.000000000000000	70	.000000000000000
UCSB	80	.000000000000000	71	.000000000000000	71	.000000000000000
UC_Riverside	79	.000000000000000	71	.000000000000000	71	.000000000000000
Michigan	74	.000000000000000	73	.000000000000000	73	.000000000000000
Cincinnati	70	.000000000000000	74	.000000000000000	74	.000000000000000
Bloomington	71	.000000000000000	75	.000000000000000	75	.000000000000000
MD_Coll_Park	73	.000000000000000	76	.000000000000000	76	.000000000000000
Wake_Forest	77	.000000000000000	77	.000000000000000	77	.000000000000000
MA_Amherst	82	.000000000000000	78	.000000000000000	78	.000000000000000

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Miami	72	.0000000000000000	79	.0000000000000000	81	.0000000000000000
Oregon_State	85	.0000000000000000	80	.0000000000000000	79	.0000000000000000
TX_Health_SA	76	.0000000000000000	81	.0000000000000000	80	.0000000000000000
Raleigh	78	.0000000000000000	82	.0000000000000000	82	.0000000000000000
WI_Med_Coll	84	.0000000000000000	83	.0000000000000000	83	.0000000000000000
Iowa_State	81	.0000000000000000	84	.0000000000000000	84	.0000000000000000
Albuquerque	83	.0000000000000000	85	.0000000000000000	85	.0000000000000000
SUNY_Albany	87	.0000000000000000	86	.0000000000000000	86	.0000000000000000
CO_State	86	.0000000000000000	87	.0000000000000000	87	.0000000000000000
SUNY_Health_Brooklyn	90	.0000000000000000	88	.0000000000000000	88	.0000000000000000
Carnegie_Mellon	88	.0000000000000000	89	.0000000000000000	89	.0000000000000000
Rice	97	.0000000000000000	90	.0000000000000000	90	.0000000000000000
Lincoln	91	.0000000000000000	91	.0000000000000000	91	.0000000000000000
Notre_Dame	93	.0000000000000000	92	.0000000000000000	92	.0000000000000000
TN_Health	89	.0000000000000000	93	.0000000000000000	93	.0000000000000000
Manoa	95	.0000000000000000	94	.0000000000000000	94	.0000000000000000
Rutgers_Newark	94	.0000000000000000	95	.0000000000000000	95	.0000000000000000
Virginia_Comm	92	.0000000000000000	96	.0000000000000000	96	.0000000000000000
AZ_Tempe	99	.0000000000000000	97	.0000000000000000	97	.0000000000000000
Georgia_Inst_Tech	96	.0000000000000000	98	.0000000000000000	98	.0000000000000000
Florida_State	98	.0000000000000000	99	.0000000000000000	99	.0000000000000000
TN_Knoxville	103	.0000000000000000	100	.0000000000000000	100	.0000000000000000
CT_Storrs	102	.0000000000000000	101	.0000000000000000	101	.0000000000000000
George_Washington	101	.0000000000000000	102	.0000000000000000	102	.0000000000000000
NE_Med	100	.0000000000000000	103	.0000000000000000	103	.0000000000000000
Boston_Coll	105	.0000000000000000	104	.0000000000000000	104	.0000000000000000
Delaware	104	.0000000000000000	104	.0000000000000000	104	.0000000000000000
Rensselaer	106	.0000000000000000	106	.0000000000000000	106	.0000000000000000
Virginia_Tech	108	.0000000000000000	107	.0000000000000000	107	.0000000000000000
George_Mason	107	.0000000000000000	108	.0000000000000000	108	.0000000000000000
CUNY	109	.0000000000000000	109	.0000000000000000	109	.0000000000000000
So_Methodist	110	.0000000000000000	110	.0000000000000000	110	.0000000000000000
MA_Boston	110	.0000000000000000	111	.0000000000000000	111	.0000000000000000
Polytech_Brooklyn	112	.0000000000000000	112	.0000000000000000	112	.0000000000000000