

Tabla S1. Instituciones de Educación Superior identificadas como de vanguardia a nivel internacional, por su posición promedio en los sistemas de evaluación del desempeño en el periodo comprendido entre el 2015 y 2018.

#	Institución Educativa	País	#	Institución Educativa	País
1	Harvard University	USA	46	University of Manchester	UK
2	Stanford University	USA	47	University of Texas Southwestern Medical Center	USA
3	University of Oxford	UK	48	Weizmann Institute of Science	Israel
4	University of Cambridge	UK	49	King 's College London	UK
5	Massachusetts Institute of Technology (MIT)	USA	50	London School of Economics & Political Science	UK
6	Columbia University	USA	51	Ecole Normale Supérieure, Paris	France
7	University of California, Berkeley	USA	52	Carnegie Mellon University	USA
8	Johns Hopkins University	USA	53	Washington University, St. Louis	USA
9	University of Pennsylvania	USA	54	Karolinska Institutet	Sweden
10	Yale University	USA	55	Sun Yat-sen University	China
11	University College London	UK	56	University of Minnesota	USA
12	University of California, Los Angeles	USA	57	École Polytechnique Fédérale de Lausanne	Switzerland
13	Cornell University	USA	58	Ludwig Maximilians Universität München	Germany
14	University of Michigan	USA	59	Sichuan University	China
15	Imperial College London	UK	60	University of California, Davis	USA
16	University of Chicago	USA	61	Huazhong University of Science & Technology	China
17	University of Tokyo	Japan	62	University of California, Santa Barbara	USA
18	Swiss Federal Institute of Technology, Zurich	Switzerland	63	University of Queensland	Australia
19	University of Toronto	Canada	64	Ruprecht Karls Universität Heidelberg	Germany
20	Duke University	USA	65	University of Copenhagen	Denmark
21	Northwestern University	USA	66	Ecole Polytechnique	France
22	University of California, San Francisco	USA	67	University of Sydney	Australia
23	University of California, San Diego	USA	68	Ohio State University	USA
24	University of Washington	USA	69	Central South University	China
25	California Institute of Technology	USA	70	Pennsylvania State University	USA
26	Princeton University	USA	71	Katholieke Universiteit Leuven	Belgium
27	University of Wisconsin, Madison	USA	72	Utrecht University	Netherlands
28	Rockefeller University	USA	73	Nanyang Technological University	Singapore
29	Waseda University	Japan	74	Swiss Federal Institute of Technology, Lausanne	Switzerland
30	New York University	USA	75	Technische Universität München	Germany
31	Kyoto University	Japan	76	University of Southern California	USA
32	Shandong University	China	77	Osaka University	Japan
33	University of British Columbia	Canada	78	Delft University of Technology	Netherlands

34	Jilin University	China	79	Boston University	USA
35	Seoul National University	South Korea	80	Georgia Institute of Technology	USA
36	Tsinghua University	China	81	University of Pittsburgh	USA
37	University of Illinois, Urbana-Champaign	USA	82	University of Bristol	UK
38	University of Edinburgh	UK	83	Vanderbilt University	USA
39	Peking University	China	84	Brown University	USA
40	McGill University	Canada	85	Sapienza Università di Roma	Italy
41	University of Texas, Austin	USA	86	University of Zurich	Switzerland
42	University of Melbourne	Australia	87	Purdue University	USA
43	National University of Singapore	Singapore	88	Harbin Institute of Technology	China
44	University of North Carolina, Chapel Hill	USA	89	University of New South Wales	Australia
45	Hong Kong University of Science & Technology	Hong Kong	90	University of Amsterdam	Netherlands

Fuente: *Academic Ranking World University (ARWU), Center for World University Ranking (CWUR), QS World University Ranking (Quacquarelli Symonds Limited), Times Higher Education - World University Rankings, Centre for Science and Technology Studies (CWTS) Leiden Ranking.*

Continuación

Tabla S1. Instituciones de Educación Superior identificadas como de vanguardia a nivel internacional (2015 y 2018).

#	Institución Educativa	País	#	Institución Educativa	País
91	University of Maryland, College Park	USA	136	Université Paris-Sud	France
92	University of Hong Kong	Hong Kong	137	Korea University	South Korea
93	Australian National University	Australia	138	Tokyo Institute of Technology	Japan
94	Tohoku University	Japan	139	Keio University	Japan
95	University of Helsinki	Finland	140	University of Arizona	USA
96	University of Warwick	UK	141	Nagoya University	Japan
97	Yonsei University	South Korea	142	Tel Aviv University	Israel
98	Wuhan University	China	143	Universität Mannheim	Germany
99	Xi'an Jiaotong University	China	144	University of Basel	Switzerland
100	Rice University	USA	145	Humboldt-Universität zu Berlin	Germany
101	University of St Andrews	UK	146	University of Science and Technology of China	China
102	University of Texas Health Science Center, Houston	USA	147	Southeast University	China
103	Université Pierre et Marie Curie	France	148	Baylor College of Medicine	USA
104	University of Geneva	Switzerland	149	Lomonosov Moscow State University	Russian Federation
105	Leiden University	Netherlands	150	University of Western Australia	Australia
106	Durham University	UK	151	University of Notre Dame	USA
107	Monash University	Australia	152	Kyushu University	Japan
108	Rutgers University	USA	153	McMaster University	Canada

109	Lund University	Sweden	154	Pohang University of Science & Technology	South Korea
110	University of Texas MD Anderson Cancer Center	USA	155	Boston College	USA
111	Rijksuniversiteit Groningen	Netherlands	156	University of York	UK
112	Uppsala University	Sweden	157	Hebrew University of Jerusalem	Israel
113	University of Alberta	Canada	158	Tufts University	USA
114	Erasmus University Rotterdam	Netherlands	159	University of California, Santa Cruz	USA
115	Tongji University	China	160	Universidad de Buenos Aires	Argentina
116	Shanghai Jiao Tong University	China	161	Freie Universität Berlin	Germany
117	National Taiwan University	Taiwan	162	Nanjing University	China
118	University of Glasgow	UK	163	Case Western Reserve University	USA
119	University of Colorado, Boulder	USA	164	Sungkyunkwan University	South Korea
120	University of California, Irvine	USA	165	Michigan State University	USA
121	Universidade de São Paulo	Brazil	166	Technion – Israel Institute of Technology	Israel
122	Emory University	USA	167	Université de Montréal	Canada
123	KAIST - Korea Advanced Institute of Science & Technology	South Korea	168	Georgetown University	USA
124	Zhejiang University	China	169	University of Nottingham	UK
125	Ghent University	Belgium	170	Indiana University, Bloomington	USA
126	Dalian University of Technology	China	171	University of Virginia	USA
127	City University of Hong Kong	Hong Kong	172	Icahn School of Medicine at Mount Sinai	USA
128	University of Florida	USA	173	Wageningen University & Research	Netherlands
129	Dartmouth College	USA	174	University of Southampton	UK
130	Fudan University	China	175	Mines ParisTech	France
131	Aarhus University	Denmark	176	KTH Royal Institute of Technology	Sweden
132	Chinese University of Hong Kong	Hong Kong	177	Queen Mary University of London	UK
133	Tianjin University	China	178	Maastricht University	Netherlands
134	University of Utah	USA	179	Trinity College Dublin, The University of Dublin	Ireland
135	University of Oslo	Norway	180	National Cheng Kung University	Taiwan

Fuente: *Academic Ranking World University (ARWU), Center for World University Ranking (CWUR), QS World University Ranking (Quacquarelli Symonds Limited), Times Higher Education - World University Rankings, Centre for Science and Technology Studies (CWTS) Leiden Ranking.*

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181	Soochow University	China	226	University of Texas, Dallas	USA
182	Texas A&M University	USA	227	Eberhard Karls Universität Tübingen	Germany

183	University of Sheffield	UK	228	Università di Bologna	Italy
184	Arizona State University	USA	229	Technical University of Denmark	Denmark
185	University of Colorado, Denver	USA	230	University of Aberdeen	UK
186	Universidad Nacional Autónoma de México	Mexico	231	University of California, Riverside	USA
187	University of Birmingham	UK	232	Southern Methodist University	USA
188	Vrije Universiteit Amsterdam	Netherlands	233	University of Dundee	UK
189	Radboud Universiteit Nijmegen	Netherlands	234	University of Bern	Switzerland
190	Aix-Marseille Université	France	249	Università di Milano	Italy
191	Rheinische Friedrich-Wilhelms-Universität Bonn	Germany	235	Royal Holloway, University of London	UK
192	University of Tennessee, Knoxville	USA	236	Université Catholique de Louvain	Belgium
193	South China University of Technology	China	237	Oregon Health & Science University	USA
194	RWTH Aachen University	Germany	238	Pontificia Universidad Católica de Chile	Chile
195	Universidade de Lisboa	Portugal	239	University of the Witwatersrand	South Africa
196	University of Exeter	UK	240	King Saud University	Saudi Arabia
197	Universiti Malaya (UM)	Malaysia	241	Université de Strasbourg	France
198	University of Adelaide	Australia	242	University of East Anglia	UK
199	University of Leeds	UK	243	Aalto University	Finland
200	Université Paris Diderot - Paris 7	France	244	University of Cape Town	South Africa
201	Università di Padova	Italy	245	University of Massachusetts Medical School	USA
202	Scuola Normale Superiore di Pisa	Italy	246	University of Liverpool	UK
203	Eindhoven University of Technology	Netherlands	247	National Tsing Hua University	Taiwan
204	Albert Ludwigs Universität Freiburg	Germany	248	Western University (University of Western Ontario)	Canada
205	Université de Lausanne	Switzerland	250	University of Maryland, Baltimore	USA
206	Lancaster University	UK	251	University of Belgrade	Serbia
207	North Carolina State University, Raleigh	USA	252	Yeshiva University	USA
208	University of Rochester	USA	253	Universitat Pompeu Fabra	Spain
209	Beihang University	China	254	Friedrich Alexander Universität Erlangen-Nürnberg	Germany
210	Universitat de Barcelona	Spain	255	Universität Ulm	Germany
211	Stockholm University	Sweden	256	Virginia Polytechnic Institute & State University	USA
212	Stony Brook University	USA	257	University of Waterloo	Canada
213	Cardiff University	UK	258	Wake Forest University	USA
214	Hong Kong Polytechnic University	Hong Kong	259	University of Sussex	UK
215	Technische Universität Berlin	Germany	260	University College Dublin	Ireland
216	Chalmers University of Technology	Sweden	261	University of Otago	New Zealand

217	University of Auckland	New Zealand	262	Indian Institute of Science (IISc) Bangalore	India
218	Karlsruhe Institute of Technology	Germany	263	Xiamen University	China
219	Universidade do Porto	Portugal	264	University of Calgary	Canada
220	Georg August Universität Göttingen	Germany	265	Newcastle University	UK
221	University of Massachusetts	USA	266	Goethe Universität Frankfurt	Germany
222	Université Grenoble Alpes	France	267	University of Vienna	Austria
223	Hokkaido University	Japan	268	Technische Universität Dresden	Germany
224	University of Iowa	USA	269	Northeastern University	USA
225	Université Paris Descartes	France	270	Università di Napoli Federico II	Italy

Fuente: Academic Ranking World University (ARWU), Center for World University Ranking (CWUR), QS World University Ranking (Quacquarelli Symonds Limited), Times Higher Education - World University Rankings, Centre for Science and Technology Studies (CWTS) Leiden Ranking.

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271	Université Joseph Fourier	France	295	University of South Florida	USA
272	University of Twente	Netherlands	296	Brandeis University	USA
273	CentraleSupélec	France	297	Universität zu Köln (University of Cologne)	Germany
274	Charles University, Prague	Czech Republic	298	University of Gothenburg	Sweden
275	Universidade Estadual Paulista	Brazil	299	University of Technology Sydney	Australia
276	University of Cincinnati	USA	300	University of Georgia, Athens	USA
277	University of Bath	UK	301	Indian Institute of Technology Delhi	India
278	Universität Münster	Germany	302	Scuola Superiore Sant'Anna	Italy
279	Universität Konstanz	Germany	303	Politecnico di Milano	Italy
280	Indiana University-Purdue University Indianapolis	USA	304	Iowa State University	USA
281	University of Miami	USA	305	University of Antwerp	Belgium
282	Université libre de Bruxelles	Belgium	306	University of Luxembourg	Luxembourg
283	University of Reading	UK	307	Universidad Autónoma de Madrid	Spain
284	Universitat Autònoma de Barcelona	Spain	308	Universidade Estadual de Campinas (Unicamp)	Brazil
285	Hanyang University	South Korea	309	Vrije Universiteit Brussel	Belgium
286	University of Illinois, Chicago	USA	310	Queen's University Belfast	UK
287	University of Bergen	Norway	311	Nankai University	China
288	University of Ottawa	Canada	312	Vienna University of Technology	Austria
289	University of Alabama, Birmingham	USA	313	University of New Mexico	USA
290	Universität Hamburg	Germany	314	Universidad Complutense de Madrid	Spain

291	École Normale Supérieure, Lyon	France	315	Wayne State University	USA
292	University of Connecticut	USA	316	University of Missouri, Columbia	USA
293	University of Leicester	UK	317	Kyung Hee University	South Korea
294	Julius Maximilians Universität Würzburg	Germany			

Fuente: *Academic Ranking World University (ARWU), Center for World University Ranking (CWUR), QS World University Ranking (Quacquarelli Symonds Limited), Times Higher Education - World University Rankings, Centre for Science and Technology Studies (CWTS) Leiden Ranking.*