



# U-MULTIRANK 2021

American Universities in Global Comparison



[WWW.UMULTIRANK.ORG](http://WWW.UMULTIRANK.ORG)

## U-MULTIRANK 2021

U-Multirank is a unique, multi-dimensional and international ranking of higher education institutions. It compares university performance across teaching and learning, research, knowledge transfer, international orientation and regional engagement. It is the largest and most inclusive ranking showcasing the diversity in higher education around the world. It is not a league table and does not use composite indicators, nor reputation weights. Therefore, there is no one best university in U-Multirank. The performance of a university is presented with individual scores – graded from 'A' (very good) to 'E' (weak) across the different areas.

U-Multirank's 2021 edition presents data on 250 American higher education institutions. For the full list of all universities from the United States included in U-Multirank, please visit our [website](#).

# CONTENTS

3	AT A GLANCE: HOW DO AMERICAN UNIVERSITIES FARE IN U-MULTIRANK?
4	WHICH ARE THE TOP PERFORMING UNIVERSITIES IN THE UNITED STATES?
5	WHAT ARE THE PERFORMANCE PROFILES OF THE UNITED STATES' TOP SCORING UNIVERSITIES?
6	WHAT DO AMERICAN UNIVERSITIES DO BEST?
8	HOW DO AMERICAN UNIVERSITIES PERFORM GLOBALLY?
9	APPENDIX: HOW CAN DETAILED RESULTS BE PRESENTED?
10	WHAT IS U-MULTIRANK?

## AT A GLANCE: HOW DO AMERICAN UNIVERSITIES FARE IN U-MULTIRANK?

- U-Multirank presents data on 250 US universities, which is the highest number among all countries.
- In global comparison, US institutions perform strongest in Research and Knowledge Transfer. 57% of all indicator scores of all US institutions in the Research dimension and 59 % in the Knowledge Transfer dimension are ranked in top groups ('A' and 'B' score).
- 59 US institutions received ten or more global top group positions ('A') across all indicators.
- The performance of the US universities is characterised by a combination of high impact of their research (Almost half of all US universities are ranked in the top group ('A') with regard to the percentage of Top-Cited Publications) and strong co-operation with industry: 54% both in Joint Publications with Industrial Partners and Patents Awarded (size-normalised). Their contribution to knowledge transfer is particularly highlighted by the fact, that 61% of all US universities reached an 'A' score in Publication Cited in Patents, indicating that their research is highly important to technology development.
- US universities count for 41 entries in our global 'Top 25 Performers' lists; 17 of them are included in Patents Awarded (size-normalised) and 15 of them in the list for Top cited publications.



## WHICH ARE THE TOP PERFORMING UNIVERSITIES IN THE UNITED STATES?

Massachusetts Institute of Technology received the highest number of 'A' (very good) scores on the institutional level for The United States in 2021.

In this section we highlight the universities receiving the highest number of 'A' (very good) scores on the institutional level for the respective country.

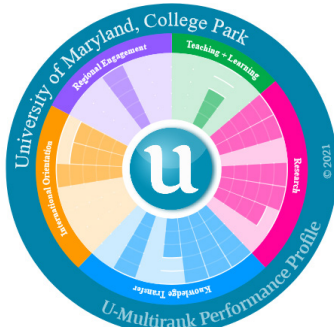
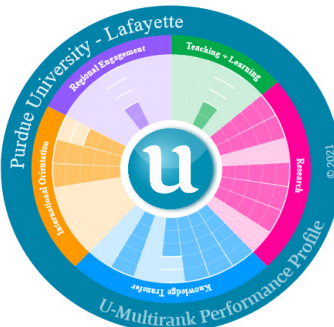
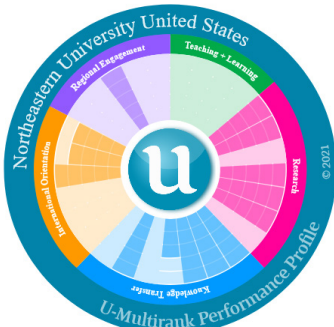
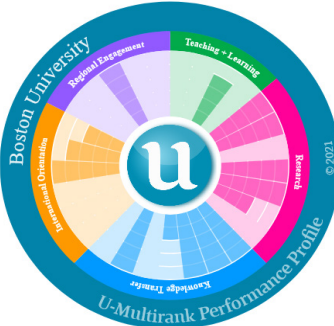
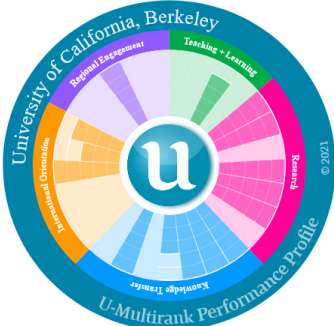
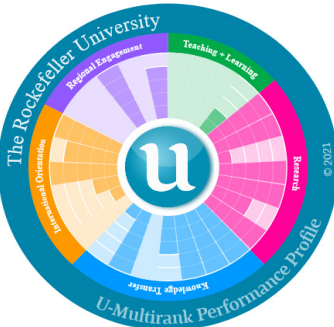
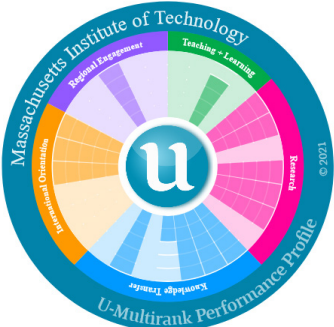
Although the number of 'A' scores shows top performance for the respective university, it does not imply one university is the 'best' in the country, as each university profile highlights different strengths.

American universities with the highest number of overall top scores in 2021	Total 'A' scores 2021	Total 'A' scores 2020
<a href="#">Massachusetts Institute of Technology</a>	15 ↑	14
<a href="#">The Rockefeller University</a>	14 ↓	15
<a href="#">University of California, Berkeley</a>	14 ↑	9
<a href="#">Boston University</a>	13 ↑	12
<a href="#">Northeastern University United States</a>	13 ↑	12
<a href="#">Purdue University - Lafayette</a>	13 ↑	9
<a href="#">University of Maryland, College Park</a>	13 ↑	11

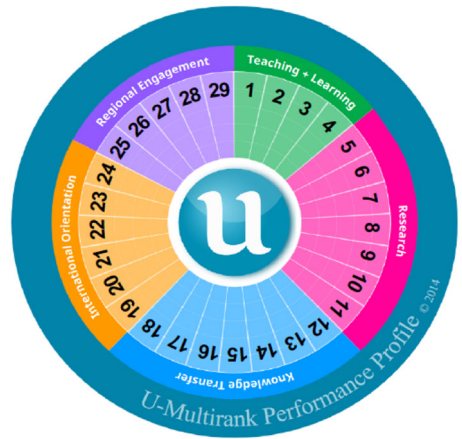
The list includes different profiles of institutions: comprehensive universities, as well as business schools and technical universities.

# WHAT ARE THE PERFORMANCE PROFILES OF THE UNITED STATES' TOP SCORING UNIVERSITIES?

Using our unique sunburst chart, a clear picture is shown of the university's overall performance (the longer the bar, the higher the score).



## U-MULTIRANK PRESENTS SUNBURSTS



### PERFORMANCE INDICATORS

<b>TEACHING &amp; LEARNING</b>	1 Bachelor graduation rate 2 Masters graduation rate 3 Graduating on time (Bachelors) 4 Graduating on time (Masters)
<b>RESEARCH</b>	5 External research income 6 Research publications (size-normalized) 7 Art related output 8 Citation rate 9 Topcited publications 10 Interdisciplinary publications 11 Post-doc positions
<b>KNOWLEDGE TRANSFER</b>	12 Income from private sources 13 Co-publications with industrial partners 14 Patents awarded (size-normalized) 15 Industry co-patents 16 Spin-offs 17 Publications cited in patents 18 Income from continuous professional development
<b>INTERNATIONAL ORIENTATION</b>	19 Foreign language bachelor programmes 20 Foreign language master programmes 21 Student mobility 22 International academic staff 23 International doctorate degrees 24 International joint publications
<b>REGIONAL ENGAGEMENT</b>	25 Bachelor graduates working in the region 26 Student internships in the region 27 Regional joint publications 28 Income from regional sources 29 Master graduates working in the region

\*For a list of definitions and calculations of indicators, see our [Indicator Book](#).

# WHAT DO AMERICAN UNIVERSITIES DO BEST?

29 American universities have achieved a global Top 25 score in 2021

## TOP 25 PERFORMING UNIVERSITIES IN PATENTS AWARDED

By U-Multirank



In this list we present the U-Multirank 2021 top performers on the indicator 'patents awarded (size-normalised)'. The number of patents is an established measure of technology transfer as it indicates the degree to which discoveries and inventions made in academic institutions are transferred to economic actors for further industrial/commercial development. Correcting for the size of the institution (overall student enrollments) enables a size-independent comparison of higher education institutions.



- Baylor College of Medicine (United States)
- California Institute of Technology (United States)
- Case Western Reserve University (United States)
- Harvard University (United States)
- Icahn School of Medicine at Mount Sinai (United States)
- Institut national de la recherche scientifique (Canada)
- King Abdullah University of Science and Technology (Saudi Arabia)
- King Fahd University of Petroleum & Minerals (Saudi Arabia)
- Korea Advanced Institute of Science and Technology (KAIST) (Korea, Republic Of)
- London School of Hygiene and Tropical Medicine (United Kingdom)
- Massachusetts Institute of Technology (United States)
- National Chiao Tung University (Chinese Taipei)
- National Tsing Hua University (Chinese Taipei)
- Oregon Health & Science University (United States)
- Stanford University (United States)
- The Rockefeller University (United States)
- University of California, Berkeley (United States)
- University of California, Davis (United States)
- University of California, Los Angeles (United States)
- University of California, San Diego (United States)
- University of California, Santa Barbara (United States)
- University of Maryland, Baltimore (United States)
- University of Massachusetts Medical School (United States)
- University of Texas South West Medical Center (United States)
- Weizmann Institute of Science (Israel)

\*The list is sorted alphabetically; possible ties are not marked



## Globally Top Performing American Universities

In this section, U-Multirank presents the global Top 25 performers in a set of 10 indicators measuring different dimensions of performance. These lists highlight the 25 top-performing universities from around the world with the highest scores.

American universities that have achieved a global Top 25 score are listed under the respective categories:

### Patents awarded (size-normalised)

- [Baylor College of Medicine](#)
- [California Institute of Technology](#)
- [Case Western Reserve University](#)
- [Harvard University](#)
- [Icahn School of Medicine at Mount Sinai](#)
- [Massachusetts Institute of Technology](#)
- [Oregon Health & Science University](#)
- [Stanford University](#)
- [The Rockefeller University](#)
- [University of California, Berkeley](#)
- [University of California, Davis](#)
- [University of California, Los Angeles](#)
- [University of California, San Diego](#)
- [University of California, Santa Barbara](#)
- [University of Maryland, Baltimore](#)
- [University of Massachusetts Medical School](#)
- [University of Texas South West Medical Center](#)

# WHAT DO AMERICAN UNIVERSITIES DO BEST?

29 American universities have achieved a global Top 25 score in  
2021

## Globally Top Performing American Universities

### Top cited publications

- [California Institute of Technology](#)
- [Columbia University](#)
- [Harvard University](#)
- [Massachusetts Institute of Technology](#)
- [Northwestern University](#)
- [Princeton University](#)
- [Stanford University](#)
- [The Rockefeller University](#)
- [University of California, Berkeley](#)
- [University of California, San Diego](#)
- [University of California, San Francisco](#)
- [University of California, Santa Barbara](#)
- [University of Chicago](#)
- [University of Pennsylvania](#)
- [Yale University](#)

### Regional joint publications

- [The Graduate Center, City University of New York](#)

### Research publications (absolute numbers)

- [Columbia University](#)
- [Duke University](#)
- [Harvard University](#)
- [Johns Hopkins University](#)
- [Stanford University](#)
- [University of California, Los Angeles](#)
- [University of Michigan](#)
- [University of Pennsylvania](#)
- [University of Washington - Seattle](#)

*\*For the full lists of all global Top 25 performers,  
please visit our [website](#).*

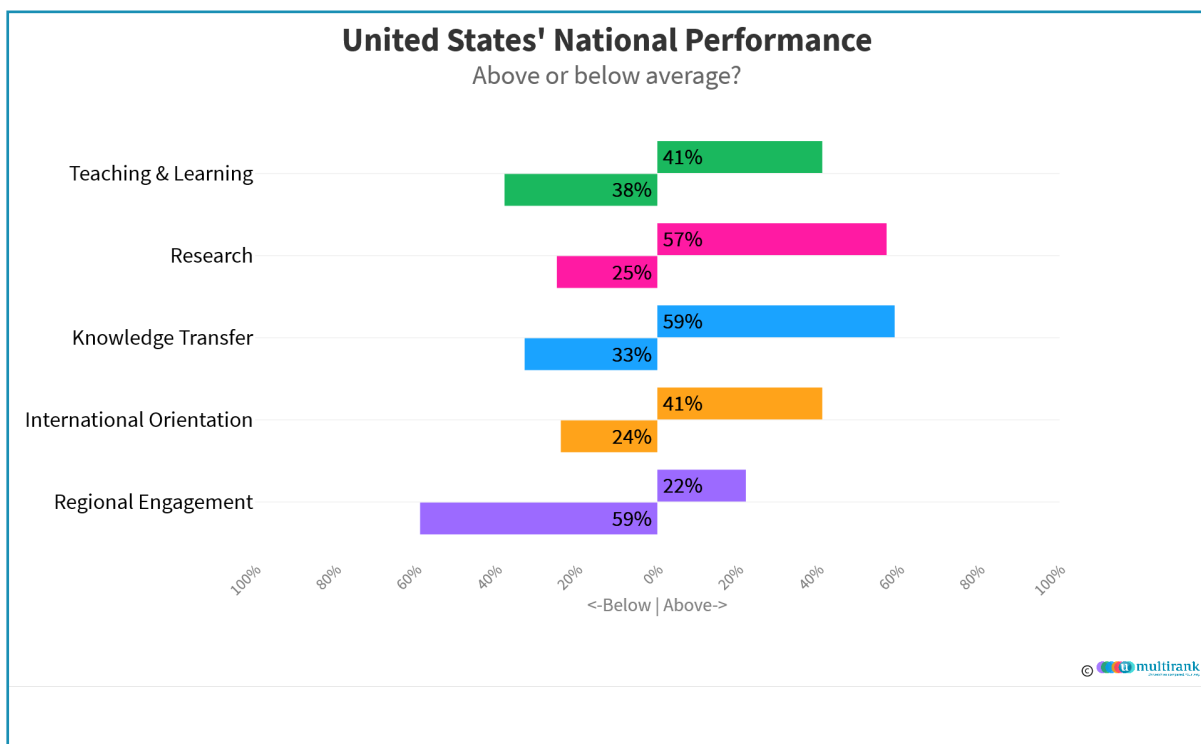
# HOW DO AMERICAN UNIVERSITIES PERFORM GLOBALLY?

American higher education institutions perform strongest in U-Multirank's Knowledge Transfer dimension.

## Above or below average?

In this section we highlight the overall performance of American universities on the institutional level per U-Multirank dimension.

The below table shows the national breakdown of American universities and how they stand across the spectrum of above average (receiving a score of 'A' (very good) or 'B' (good)), or below average (receiving a score of 'D' (below average) or 'E' (weak)). In doing so, U-Multirank offers a clear picture on the countries strengths, and areas for improvement.





# APPENDIX

## DETAILED RESULTS

If you want to analyse further the performance of the universities in your country you can click the following links.

The below links lead directly to the national results pages where we pre-filtered the universities in your country into one list (for the university as a whole and for the subject areas included in U-Multirank so far). You can use the table to produce national rankings (see image below), or for personalised interactive analyses with the data.

If you're interested in tailor-made tables (institutional level, subject level, or with a specific focus in mind, such as internationalisation), please contact us, at [info@umultirank.org](mailto:info@umultirank.org). These links are also accessible via your country's 'Study in' page.

University Your selection: 246 universities											
Level of study: bachelor, master Regions: United States,											
8.9.2021 dev.umultirank.org		Teaching & Learning		Research		Knowledge Transfer		International Orientation		Regional Engagement	
		Bachelor graduation rate	Graduating on time (masters)	Citation rate	Research publications (size-normalised)	Co-publications with industrial partners	Patents awarded (size-normalised)	Student mobility	International joint publications	Bachelor graduates working in the region	Regional joint publications
Rockefeller University	US	-	D	A	A	A	A	D	A	-	A
MIT	US	-	-	A	A	A	A	-	A	-	A
Rutgers University	US	A	-	A	A	A	A	-	C	-	B
University of California, Berkeley	US	-	-	A	A	A	A	-	B	-	A
Northeastern University / Boston	US	-	-	A	A	A	A	-	B	-	A
Columbia University	US	-	-	A	A	A	A	-	B	-	A
Icahn School of Medicine at Mt. Sinai	US	-	-	A	A	A	A	-	B	-	A
University of Maryland, College Park	US	-	-	A	A	A	A	-	B	-	A
Dartmouth College	US	A	-	A	A	A	A	x	C	-	D
Baylor College of Medicine	US	-	-	A	A	A	A	-	C	-	A

### U-Multirank's National University Rankings 2021-2022 – United States

- [Institutional Rankings](#)

- [Pharmacy \(updated\)](#)
- [Psychology \(updated\)](#)
- [Social Work \(updated\)](#)

\* to view, select the respective study subject, then select either 'filter by country', or 'go straight to the comparison'.

### U-Multirank's Subject Rankings 2021-2022 – United States

- [Agriculture \(NEW\)](#)
- [Veterinary Science \(NEW\)](#)
- [Dentistry \(updated\)](#)
- [Medicine \(updated\)](#)
- [Nursing \(updated\)](#)

### Press materials:

- [Advanced press release \(includes graphics and tables for download in Appendix\)](#)
- [FAQ](#)
- [Overview Infographic 2021](#)



## WHAT IS U-MULTIRANK?

U-Multirank is a multidimensional, user-driven approach to international ranking of higher education institutions. It compares the performances of higher education institutions – in short: universities – in the five dimensions of university activity:

(1) teaching and learning, (2) research, (3) knowledge transfer, (4) international orientation and (5) regional engagement.

The U-Multirank web tool enables comparisons at the level of the university as a whole and at the level of specific study programmes. Based on empirical data, U-Multirank compares institutions with similar institutional profiles ('like-with-like') and allows users to develop their own personalised rankings by selecting indicators in terms of their own preferences.

Based on the results of a feasibility study covering 150 universities which was carried out in 2010/11, the European Commission decided to fund the implementation of U-Multirank. This roll out is carried out by a consortium led by Professor Frans van Vught of the Center for Higher Education Policy Studies (CHEPS), University of Twente in the Netherlands and Professor Frank Ziegele of the Centre for Higher Education (CHE) in Germany as well as the Centre for Science and Technology Studies (CWTS) from Leiden University and Fundacion CYD. U-Multirank is funded by the European Commission, the Bertelsmann Foundation and Banco Santander. The consortium also works closely with a range of national ranking partners and stakeholder organisations.

The work of the U-Multirank consortium is overseen by an Advisory Board.





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| BertelsmannStiftung



## CONTACT US

info@umultirank.org  
P.O. Box 105  
33311, Guetersloh, Germany  
Tel.: +49 (0) 5241 9761 58  
Fax: +49 (0) 5241 9761 40



[WWW.UMULTIRANK.ORG](http://WWW.UMULTIRANK.ORG)