

UNIVERSITI Malaya (UM) heads four other Malaysian institutions in the 2018/19 list of the top 1,000 global universities compiled by the Centre for World University Rankings (CWUR).

UM is ranked 451 followed by Universiti Sains Malaysia (USM) at 566, Universiti Putra Malaysia (UPM) 742, Universiti Kebangsaan Malaysia (UKM) 826 and Universiti Teknologi Malaysia (UTM) 915.

Since 2012, CWUR has been publishing the academic ranking of global universities that assesses the quality of education, alumni employment, research output and citations without relying on surveys and university data submissions.

The ranking started out as a project in Jeddah, Saudi Arabia with the aim of rating the top 100 world universities.

It was quickly reported worldwide by universities and the media and many requests were received to expand it.

In 2014, the ranking expanded to list the top 1,000 out of 18,000 universities worldwide, making it the largest academic ranking of global universities. Since 2016, the CWUR is headquartered in the United Arab Emirates.

On the overall performance of Malaysian universities in the rankings, CWUR president Dr Nadim Mahassen in a statement said: "A key factor in the rankings is research, and Malaysian institutions, despite their rise in the league tables, will find it difficult to compete in the future with global research-intensive universities if the government does not increase its spending on

# Five M'sian institutions on top global listing



Universiti Malaya leads the other Malaysian institutions in the 2018/19 list of the top 1,000 global universities compiled by the Centre for World University Rankings.

scientific research."

UM, USM and UPM have all improved in the rankings compared to 2017. UKM and UTM enter the top 1,000 for the first time.

Eighteen thousand universities

have been ranked this year and the top 1,000, representing universities from 61 countries, are listed on the CWUR's website at <http://cwur.org/2018-19.php>.

CWUR uses seven objective indi-

cators to rank the world's universities namely:

\* Quality of Education, measured by the number of a university's alumni who have won major international awards, prizes, and

medals relative to the university's size (15%);

\* Alumni Employment, measured by the number of a university's alumni who have held CEO positions at the world's top companies relative to the university's size (15%);

\* Quality of Faculty, measured by the number of academics who have won major international awards, prizes and medals (15%);

\* Research Output, measured by the total number of research papers (15%);

\* Quality Publications, measured by the number of research papers appearing in top-tier journals (15%);

\* Influence, measured by the number of research papers appearing in highly-influential journals (15%); and \* Citations, measured by the number of highly-cited research papers (10%).

The United States has eight representatives in the top 10, which has been the case since the rankings started in 2012 by the Centre for World University Rankings.

Harvard University leads the rankings followed by Stanford University, Massachusetts Institute of Technology, University of Cambridge, University of Oxford, University of California, Berkeley, Princeton University, Columbia University, California Institute of Technology and the University of Chicago.

The US leads with 213 universities in the top 1,000, followed by China (108), the United Kingdom (62), France (58), and Japan (56). Germany (54), Italy (45), Spain (38), South Korea (35), and Canada (28) round up the top 10 countries.