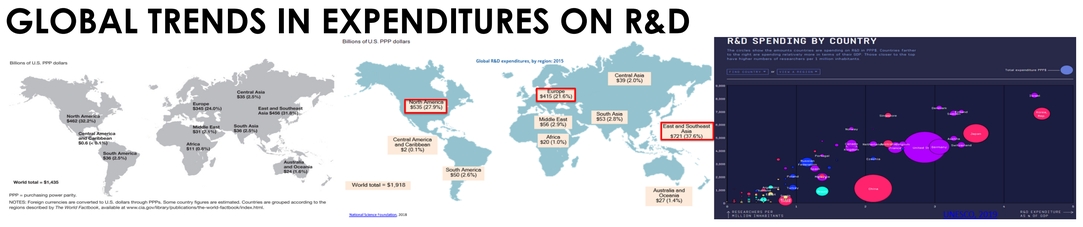
INTERNATIONAL COLLABORATION: RESEARCH, SCHOLARSHIP, & CREATIVE ACHIEVEMENT

UMBC

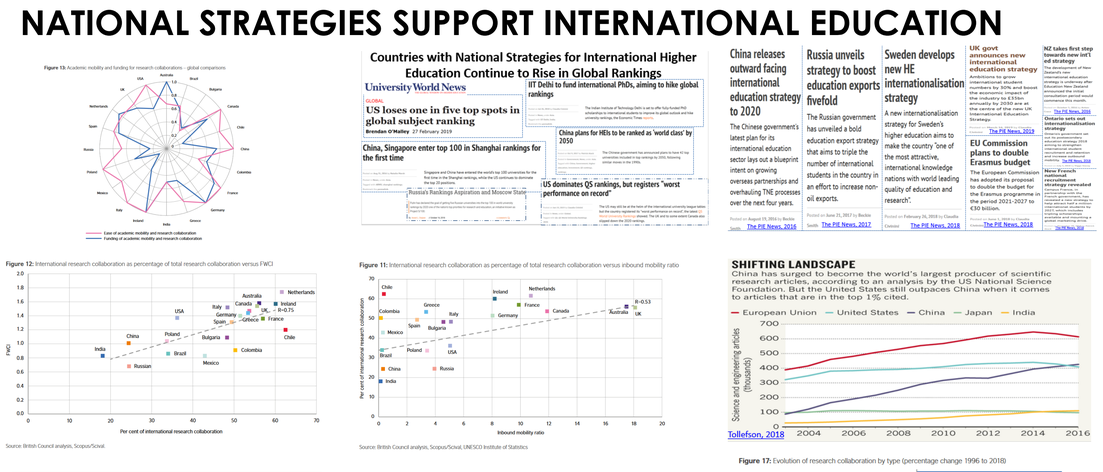
SUBCOMMITTEE CHARGE

- Examine current status of UMBC research involving international focus
- Identify tactics to increase international research activity as outlined in the strategic plan
- Assess and improve UMBC's placement within global academic rankings
- Assess the incorporation of faculty research/engagement work with undergraduate research opportunities, or opportunities for graduate students
- Produce report with final recommendations/goals

GLOBAL TRENDS IN EXPENDITURES ON R&D



NATIONAL STRATEGIES SUPPORT INTERNATIONAL EDUCATION

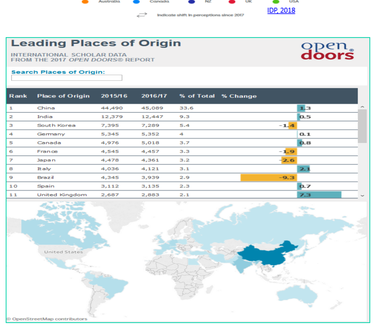


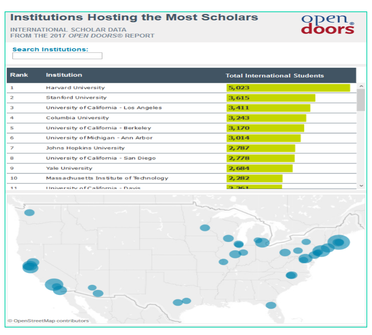
WORLD BANK'S KEY CHARACTERISTICS OF WORLD-CLASS UNIVERSITIES

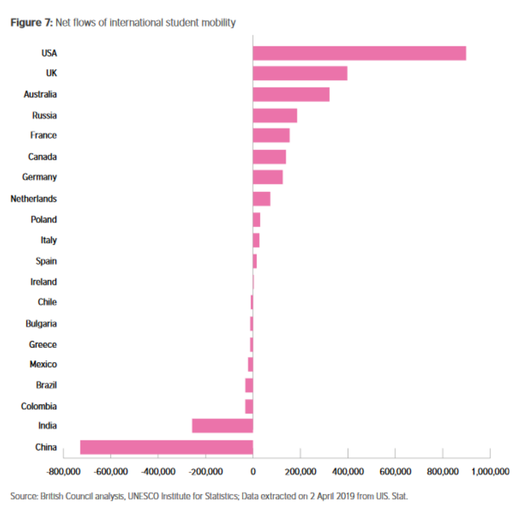
A world-class university:

- **Has an international reputation for its research;**
- **Has an international reputation for its teaching;**
- Has a number of research stars and world leaders in their fields;
- Is recognized not only by other world-class universities but also outside the world of higher education;
- Has a number of world-class departments (that is, not necessarily all);
- **Identifies and builds on its research strengths and has a distinctive reputation and focus ("lead" subjects);**
- **Generates innovative ideas** and **produces basic and applied research in abundance;**
- Produces groundbreaking research output recognized by peers and prizes (for example, Nobel Prize winners);
- Attracts the most able students and produces the best graduates;
- Can attract and retain the best staff;
- **Can recruit staff and students from an international market**
- Attracts a high proportion of postgraduate students, both taught and research;
- **Attracts a high proportion of students from overseas**
- **Operates within a global market and is international in many activities**(for example, research links, student and staff exchanges, and throughput of visitors of international standing);
- Has a very sound financial base;
- Receives large endowment capital and income;
- Has diversified sources of income (for example, government, private companies sector, research income, and overseas student fees);
- **Provides a high-quality and supportive research and educational environment for both its staff and its students** (for example, high-quality buildings and facilities/high-quality campus);
- Has a first-class management team with strategic vision and implementation plans;
- Produces graduates who end up in positions of influence and/or power;
- Often has a long history of superior achievement;
- **Makes a big contribution to society and our times**
- Continually benchmarks with top universities and departments worldwide; and
- Has the confidence to set its own agenda.

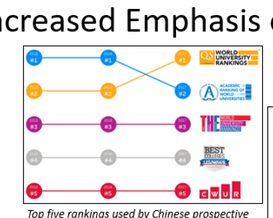
GLOBAL RACE FOR TALENT







Increased Emphasis on Global Rankings

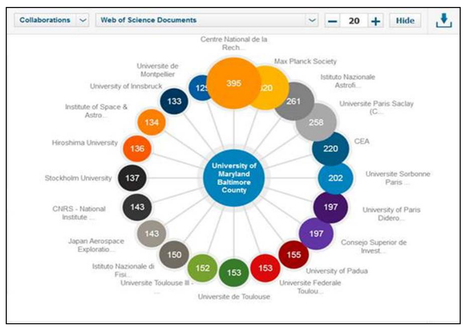


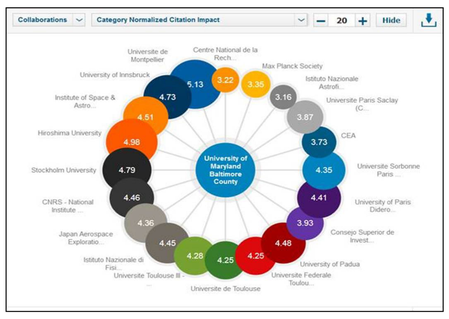
Top five rankings used by Chinese prospective international students

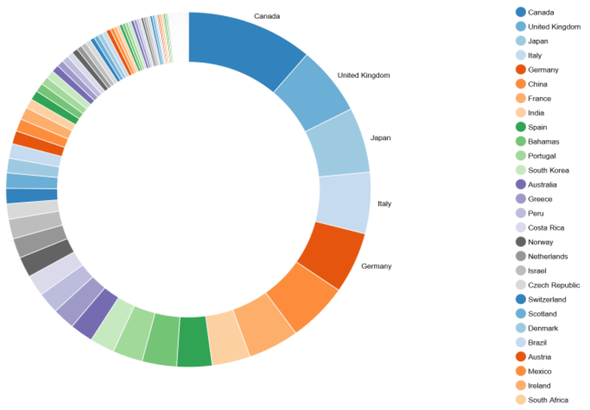
Top five rankings used by Indian prospective international students

Hobsons, 2017

UMBC'S INTERNATIONAL COLLABORATIONS





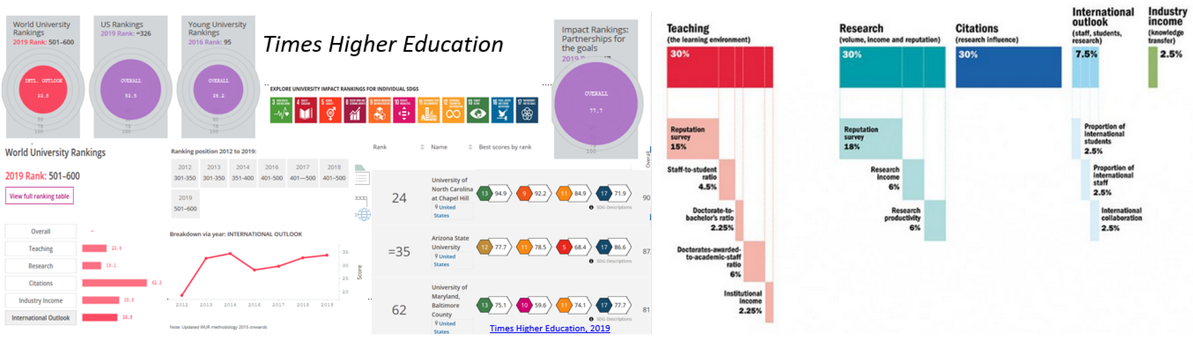


UMBC faculty and staff logged over 1,300 international trips between 2016 and 2018, visiting **more than 100 countries.**

Most international travel is to attend or present at conferences.

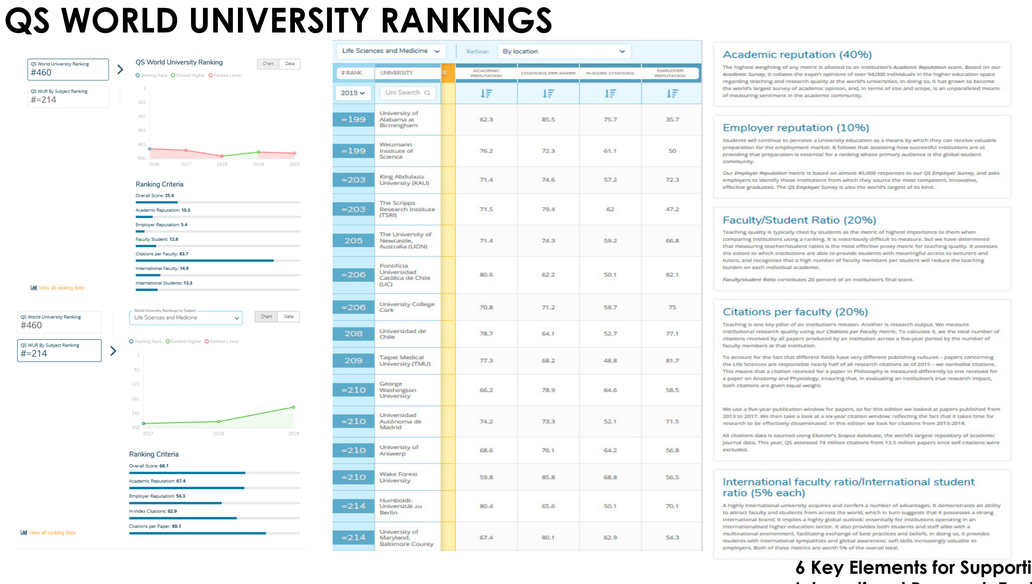
UMBC's PERFORMANCE ON INTERNATIONAL RANKINGS

One critical measure of UMBC's academic reputation on the international stage is rankings. Two of the top three rankings are detailed below:



Times Higher Education, 2019

QS WORLD UNIVERSITY RANKINGS



INITIAL RECOMMENDATIONS

- Leverage existing international research expertise and connections
- Promote affinity groups around location and/or topic
- Increase the number of international scholars hosted by UMBC
- Develop a sponsored student strategy
- Create seed grants to promote international research
- Strategically grow UMBC's portfolio of international partnerships
- Intentionally focus on improving UMBC's position within international rankings
- Improve communication related to international research, scholarship and creative achievement
- Develop infrastructure to support faculty and staff applying for Fulbright awards
- Assess current policies and procedures to ensure UMBC is positioned to apply for international training grants and other non-research awards
- Develop system for tracking international collaborations, partnerships and other activities
- Improve support (e.g., global operations) for faculty, staff and students engaged in international programs

6 Key Elements for Supporting International Research Exchange

SESSION 2