

5/19/17

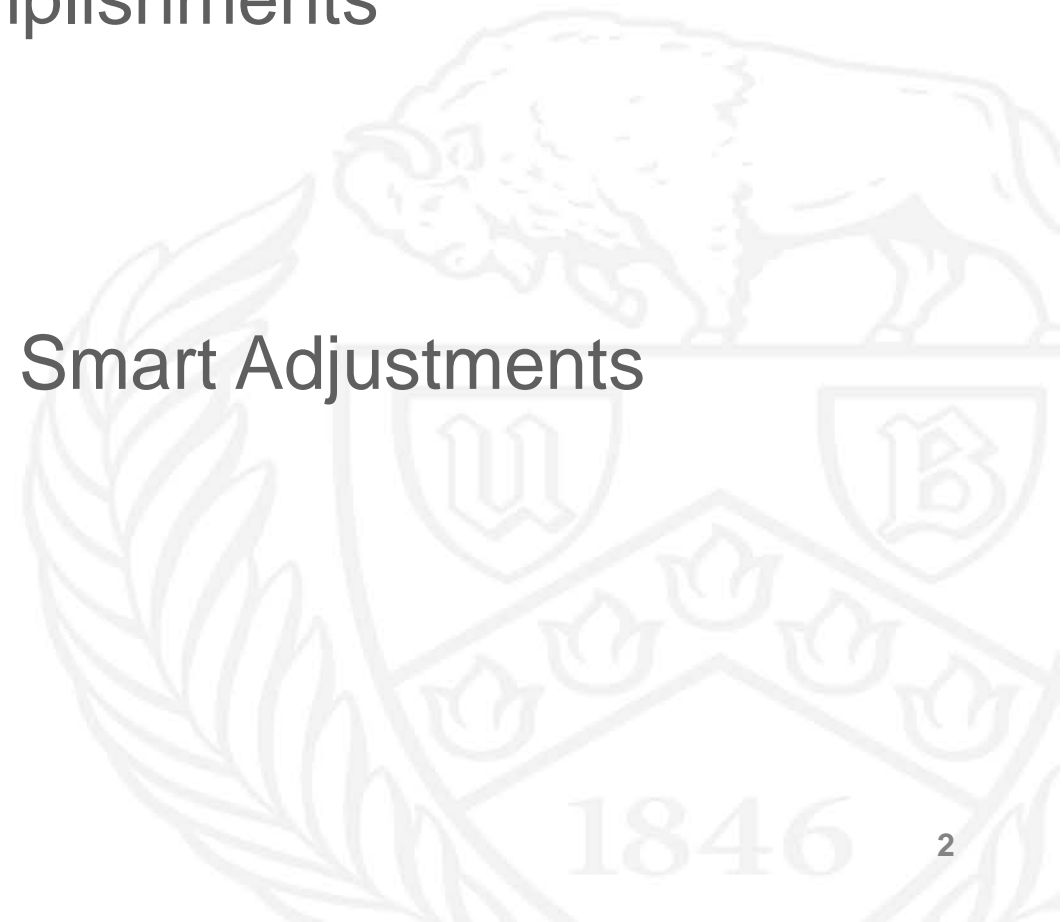
SEEING BEYOND UB 2020

Building Strength and Prominence for the Longer-Term



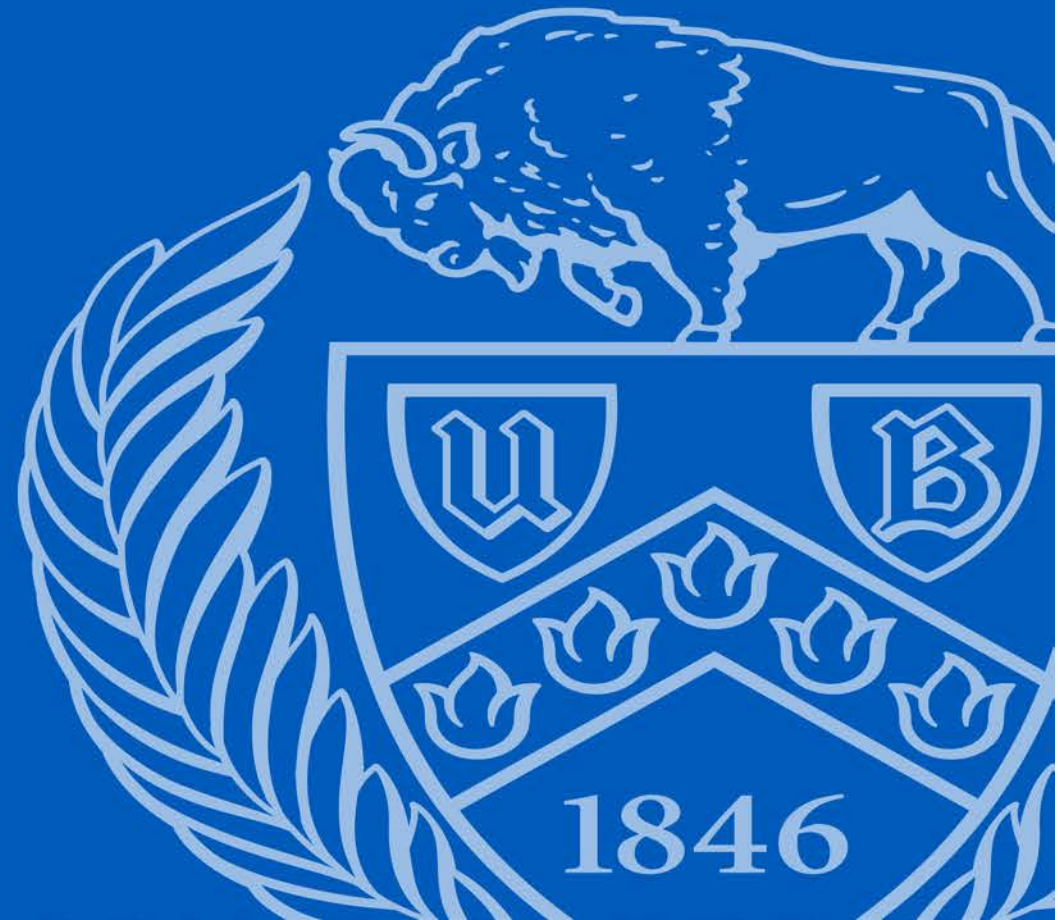
OUTLINE

- UB 2020—Many Significant Accomplishments
- UB in the Rankings
- Seeing Beyond 2020—Making the Smart Adjustments

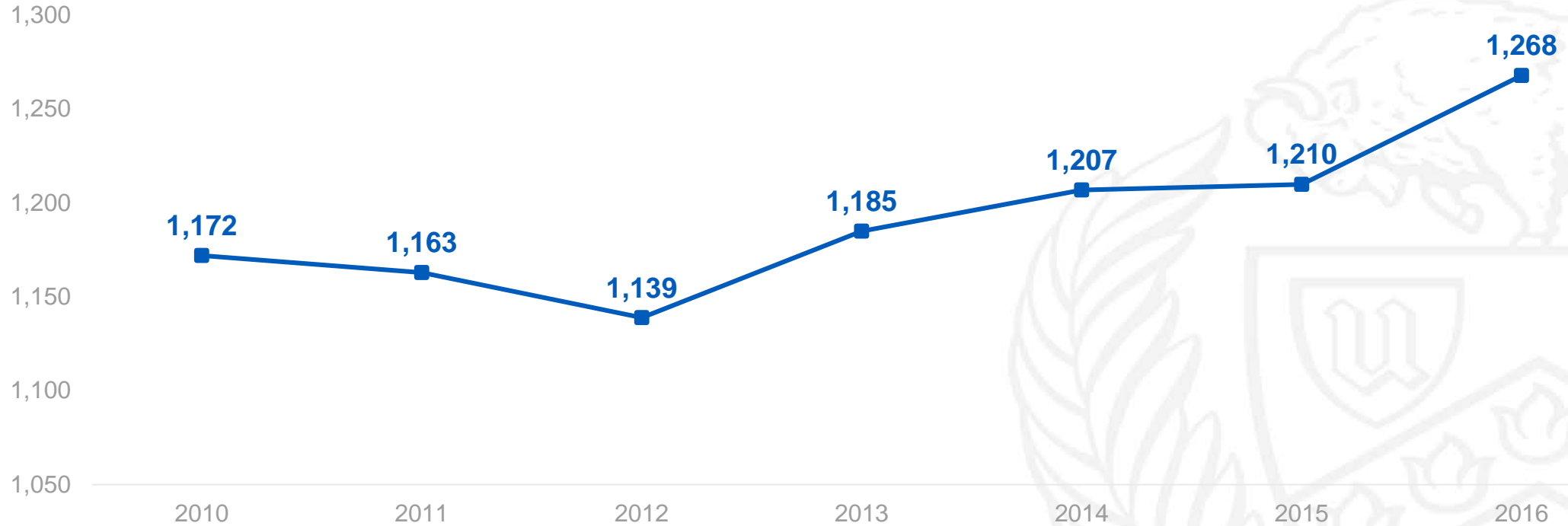


UB 2020

Many Significant Accomplishments

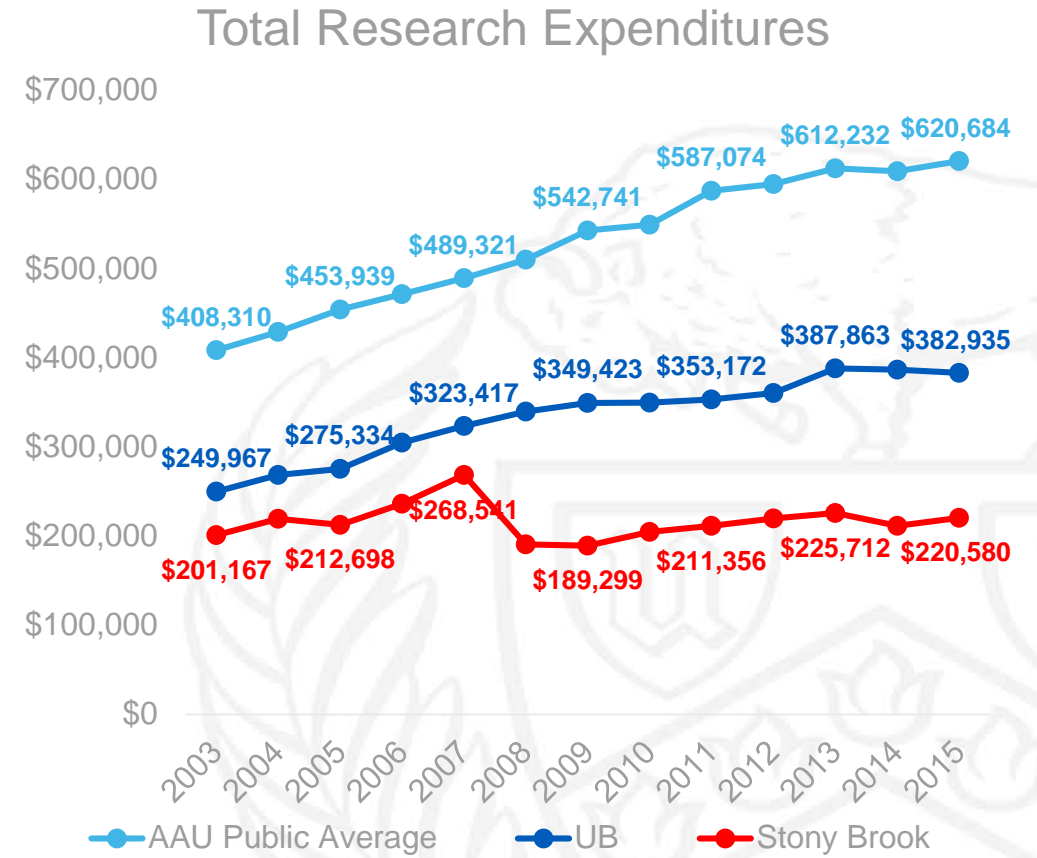
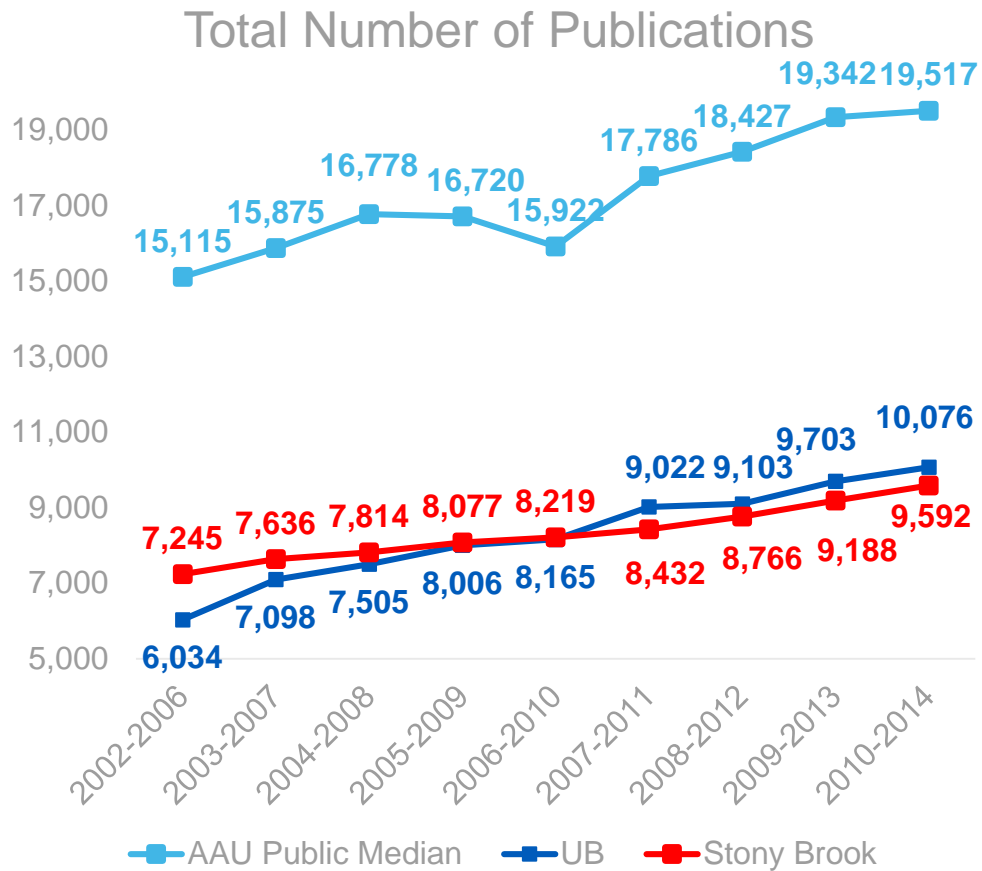


GROWING FACULTY STRENGTH



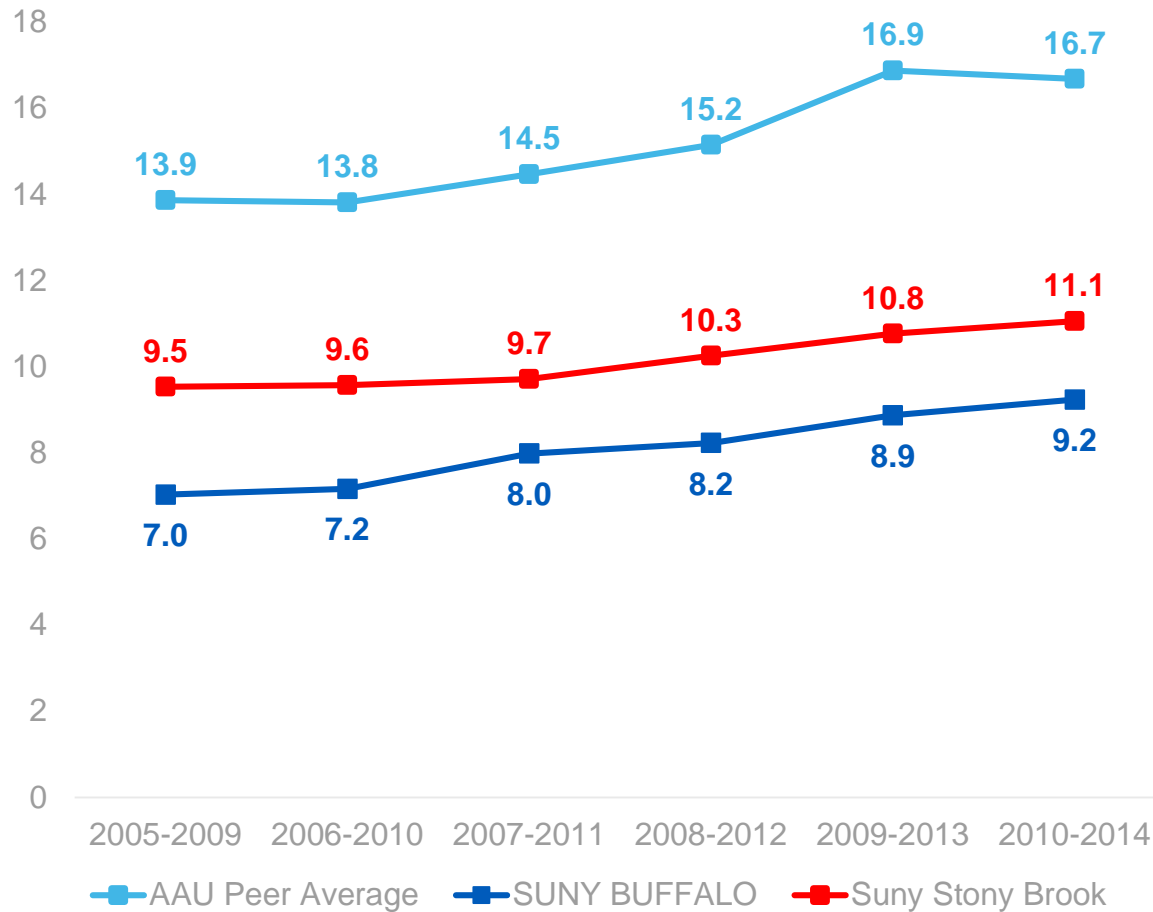
* No librarians and only academic units

FACULTY PRODUCTIVITY UB, STONY BROOK AND AAU PUBLICS

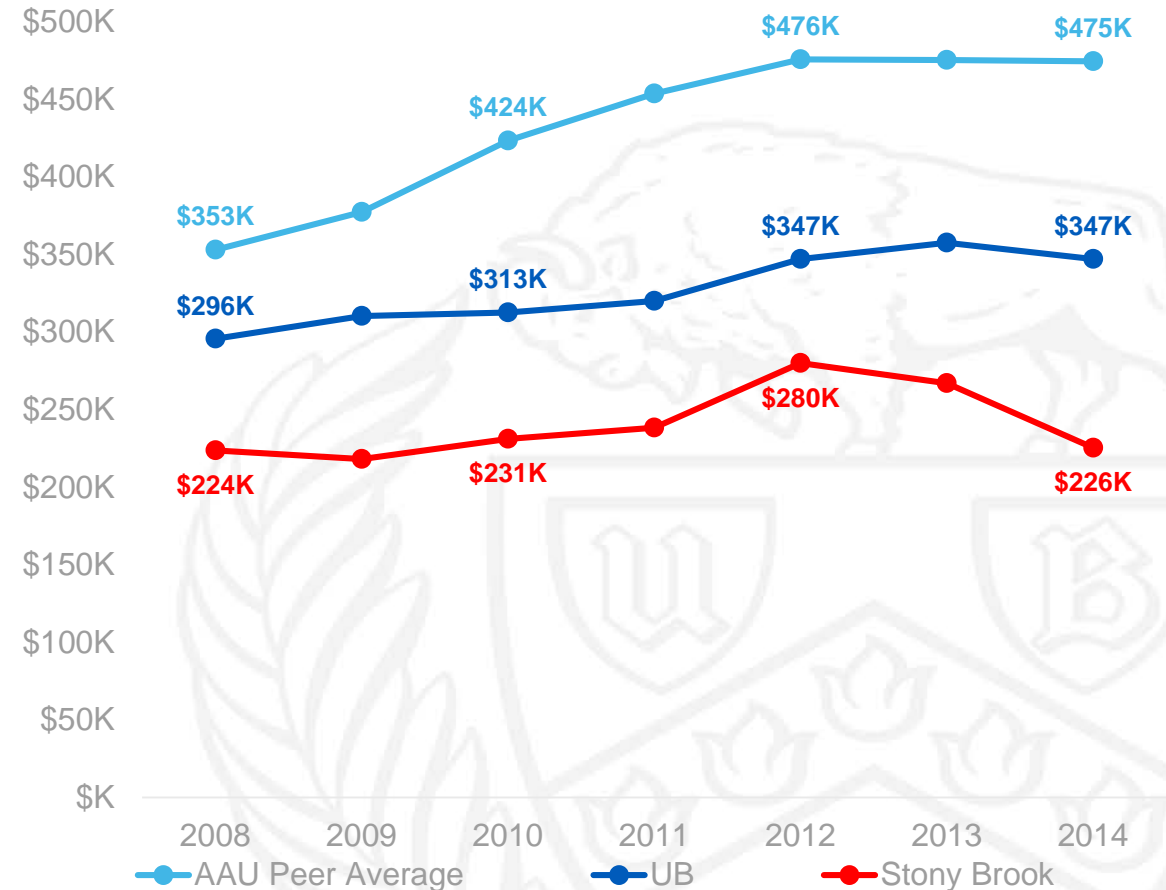


FACULTY PRODUCTIVITY UB, STONY BROOK AND AAU PUBLICS

Publications Per Capita

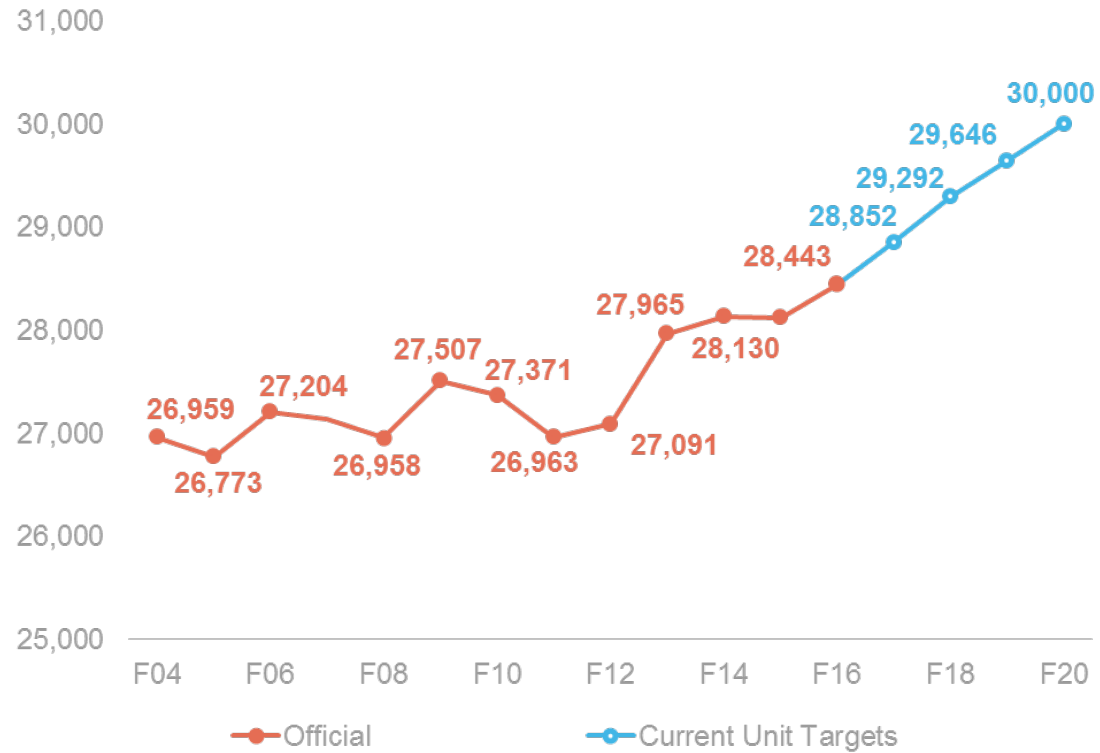


Total Research Expenditures Per Capita

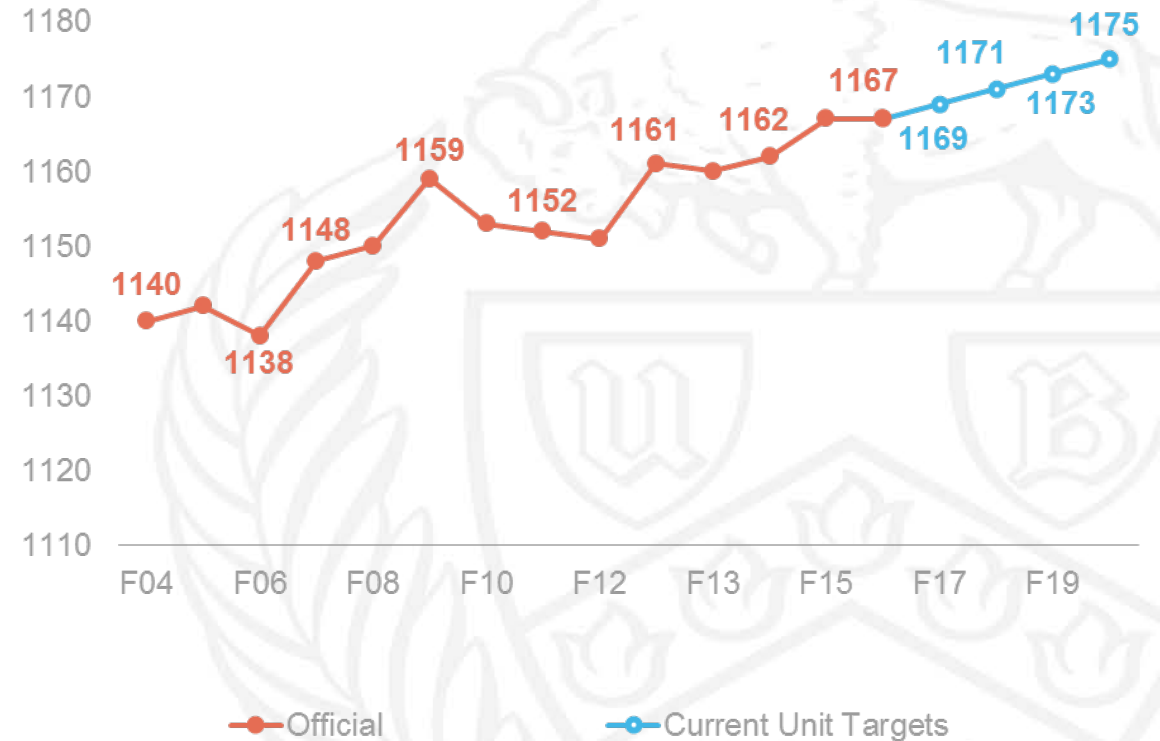


INCREASING STUDENT QUALITY WHILE GROWING ENROLLMENT

Total Graduate & Undergraduate Enrollment

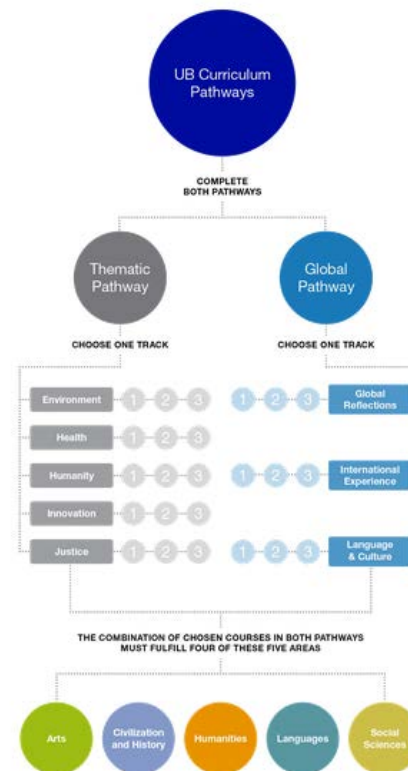


ADM Best (SAT) Average (Domestic Only)



A SUPERIOR UNDERGRADUATE EXPERIENCE

- Implementing General Education Model
- Finish in Four
- First Year Experiences
- UB Curriculum



UB Seminar
The entryway to your UB education. A discussion-based seminar built around grand challenges and big ideas.

Pathways
A series of courses interconnected by theme or concept across a wide range of disciplines. Pathways can be customized to complement pre-existing interests or designed to expand horizons and engage curiosity.

Foundations
Courses in diversity, writing, math and natural sciences that promote critical thinking, creative problem-solving, enhanced communication skills, cultural competencies, and ethical and analytical reasoning.

Capstone
A final project that integrates the whole in anticipation of next steps in life and learning.

UB STUDENTS WIN INTERNATIONAL RECOGNITION

- 7 Fulbright Scholars in 2017 (more than any other SUNY); 28 total in the last 10 years. UB's rank this year would place them in the top 10 using 2016-17 institution rankings (2017-18 not yet available).
- 2 Goldwater Scholarship recipients in 2017: 16 total in the last 10 years. UB is among 56 institutions with more than one recipient last year, and ahead of 16 AAU institutions.
- 4 NSF Graduate Research Fellowship winners in 2017: 33 total in the last 10 years. 2,000 awards given annually: UB places below the median for AAUs
- 2 Marshall Scholarships in the last three years (a maximum of 40 are given annually). Last year, 16 AAU institutions were represented (and only 4 publics).



A TRULY GLOBAL UNIVERSITY

PARTNERSHIPS AND EXCHANGES

Partnerships/Institutes

Singapore Institute of Management (SIM), Singapore
Beijing Institutions, China
Amrita University, India
The Jagiellonian University, Poland
Konan University, Japan
Brock University, Canada
Center for European Studies
Institute for European and Mediterranean Archaeology
Institute of Jewish Thought and Heritage
Confucius Institute
MCEER
The Baldy Center for Law and Social Policy
Center for Comparative and Global Studies in Education
Canada United States Legal Studies Centre
Canada-United States Trade Center
Great Lakes Program
UB Regional Institute



College of Arts and Sciences
University at Buffalo The State University of New York

Center for
European Studies



COLLEGE OF ARTS AND SCIENCES
University at Buffalo The State University of New York

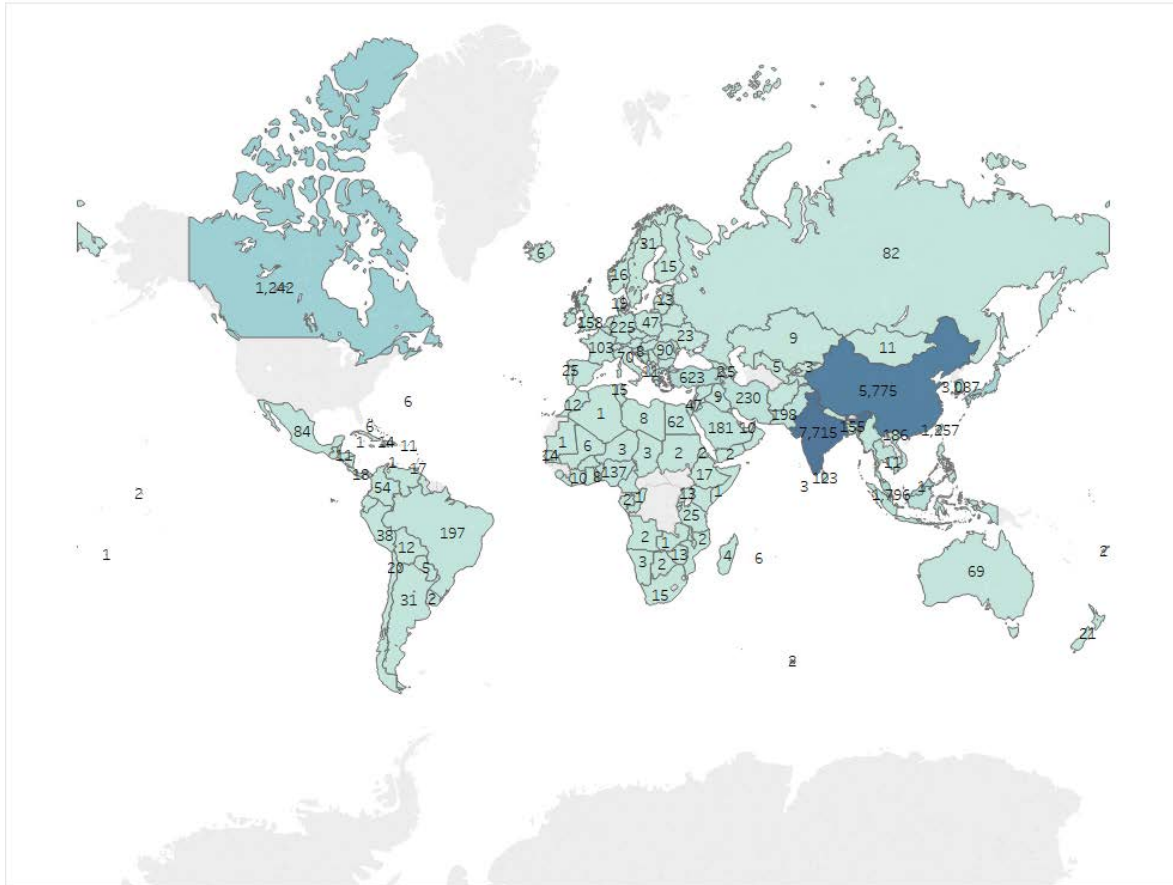


University at Buffalo
Center for Comparative and
Global Studies in Education
Graduate School of Education



A TRULY GLOBAL UNIVERSITY

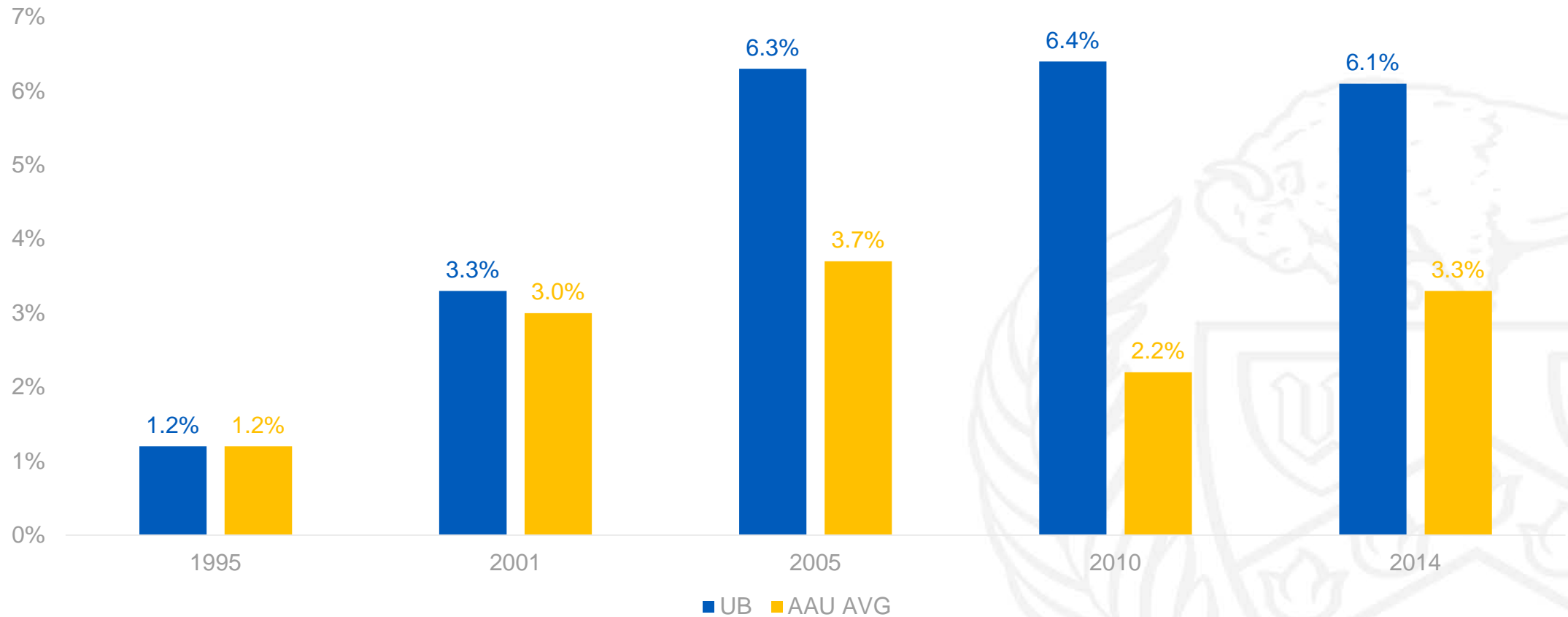
International Students by Country Fall Terms 1996-2016



Student Enrollment: Top Ten Countries, Fall 2016

Country	Fall 2016 Enrollment
China	1,624
India	1,614
South Korea	422
Canada	112
Turkey	105
Iran	99
Malaysia	90
Taiwan	74
Saudi Arabia	65
Singapore	49

A TRULY GLOBAL UNIVERSITY – INTERNATIONAL TENURE TRACK FACULTY



Source: IPEDS HR. 2014 is the most recent year available.

REALIZING THE COMPREHENSIVE PHYSICAL PLAN

- Capital Master Plan
- Medical School move to Downtown Buffalo
- Heart of the Campus
- Social Work move to Parker
- Clinical Translational Research Center
- Greiner Hall
- Kapoor Hall
- North/South Campus Child Care
- Davis Hall
- Center of Excellence
- C3 Dining in Red Jacket
- Educational Opportunity Center



Facilities Master Plan



This report summarizes the final recommended plan for the 2013-2023 Facilities Master Plan (FMP) for the University at Buffalo. It builds on the findings of the previous four phases of study and expresses in physical form the campus's desired academic and strategic mission.



UNIVERSITY AT BUFFALO THE STATE OF NEW YORK
The Heart of the Campus Project

University at Buffalo
Clinical and Translational Science Institute



University at Buffalo
The State University of New York
Center for Excellence in Writing

EOC
Educational
Opportunity
Center

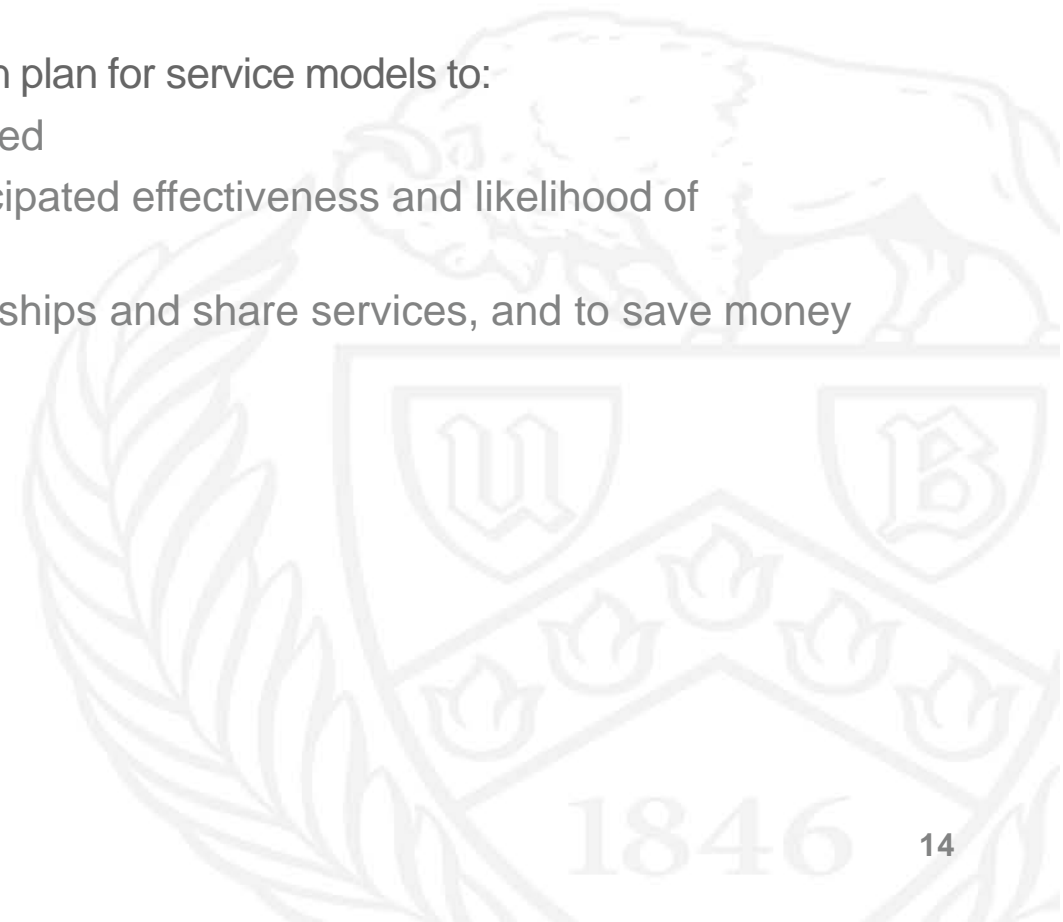
C₃
Crossroads
Culinary
Center

LIVING THE VALUES OF OPERATIONAL EXCELLENCE

- We have a tradition of local autonomy and fragmentation
- Service models help us provide more efficient and new services for the entire university
- Requires us to change the way we think about services
- Planning to formulate a team to work on design and implementation plan for service models to:
 - Explore peer institutions for best practices and lessons learned
 - Prioritize UB opportunities for implementation based on anticipated effectiveness and likelihood of success of services
 - Discovering ways to operate more efficiently, to build partnerships and share services, and to save money

IMMEDIATE OPPORTUNITIES:

- Strategic Procurement Rollout
- eTravel / Reimbursement Rollout
- Data Analytics and Uplan
- Standards for University Servers
- Robust Management of Permanent Appointment Process
- Robust Management of Salary Analysis and Offers

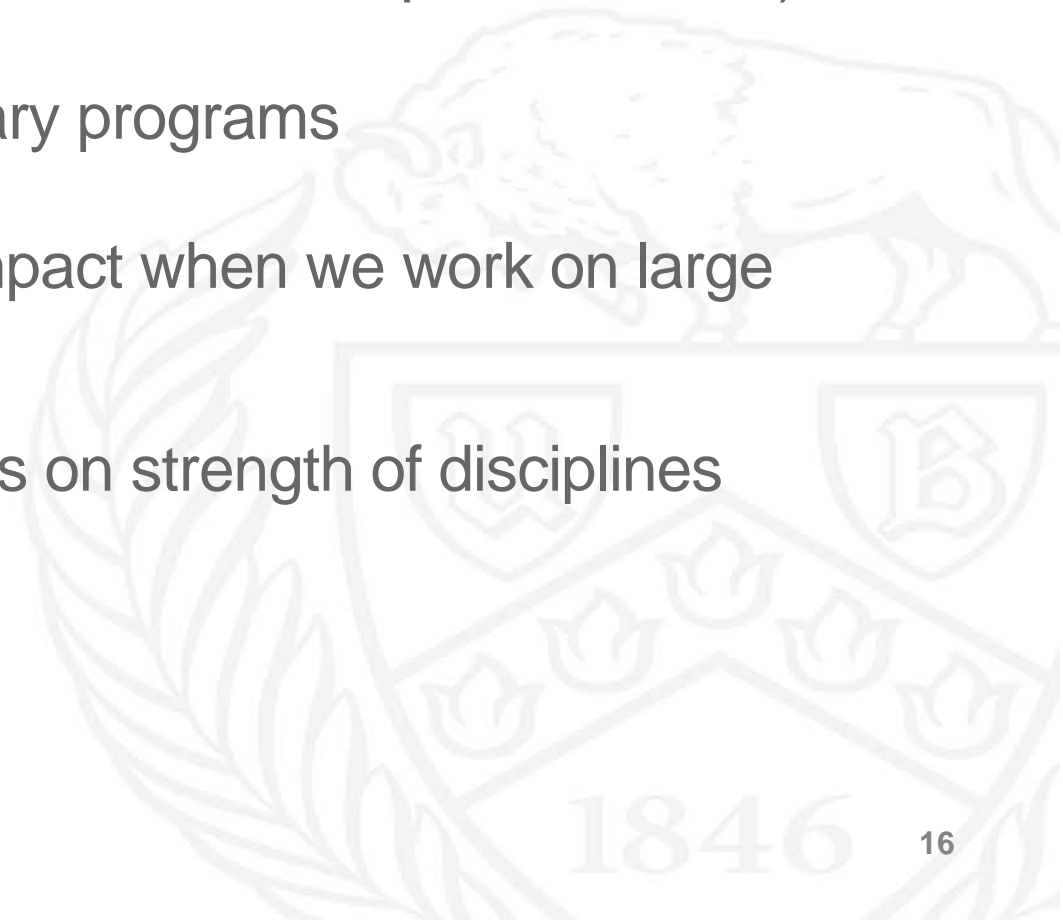


BUILDING INTERDISCIPLINARY EXCELLENCE

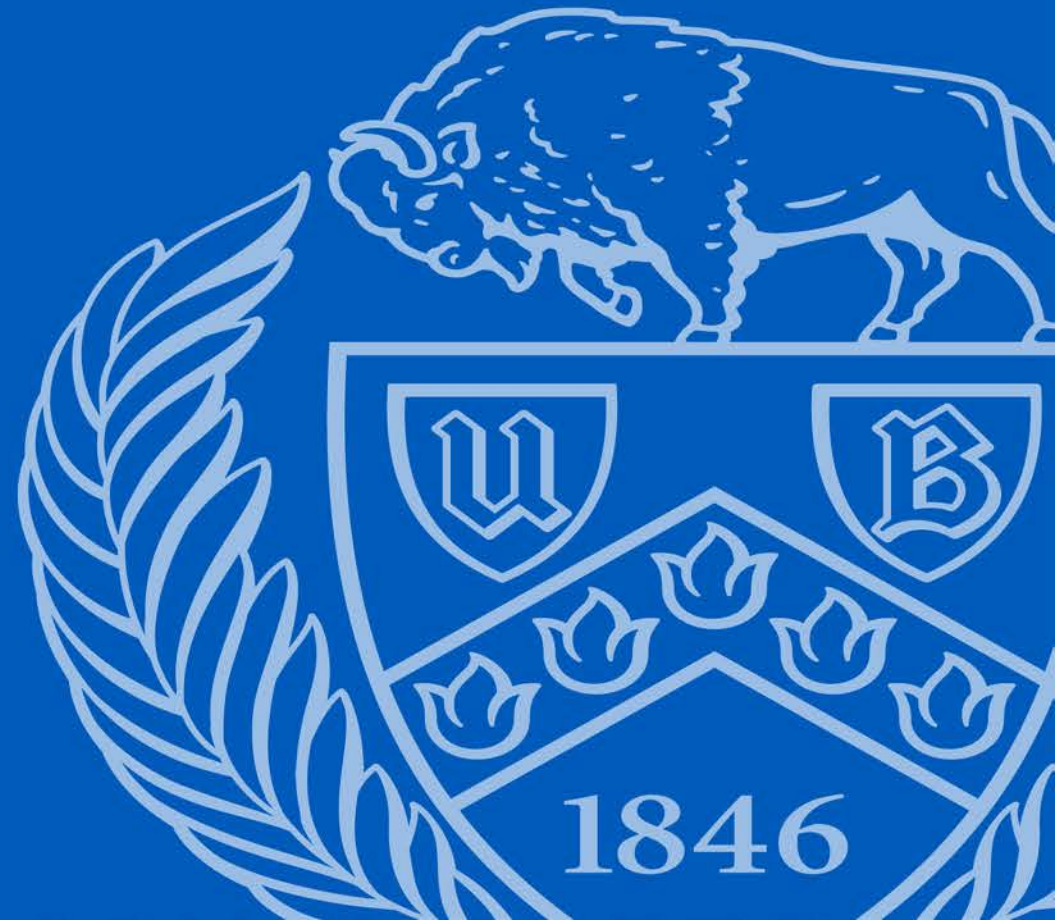


THE IMPORTANCE OF DISCIPLINARY STRENGTH

- UB2020 called out interdisciplinary work as a focus area as in previous slide)
- We have successfully invested in multidisciplinary programs
- The core concept is that we will have greater impact when we work on large problems requiring many disciplines
- Strength in multidisciplinary efforts thus depends on strength of disciplines
- Does UB have that strength?



UB In The Rankings



RANKINGS TYPES

Domestic

International

Institutional

- US News Best Universities
- Forbes
- Washington Monthly

- US News Best Global Universities
- QS
- Shanghai
- Times Higher Ed
- Taiwan

Program

- US News Best PhD Programs
- US News Law Schools
- US News Education Schools
- US News Business Schools
- US News Engineering Schools



INSTITUTIONAL RANKINGS SCORING ELEMENTS

US News Best Universities

- Reputation (22.5%)
 - Peers and school counselors
- Retention (22.5%)
- Faculty Resources (20%)
- Student Selectivity (12.5%)
- Financial Resources (10%)
- Graduation Rate Performance (7.5%)
- Alumni Giving Rate (5%)

Forbes

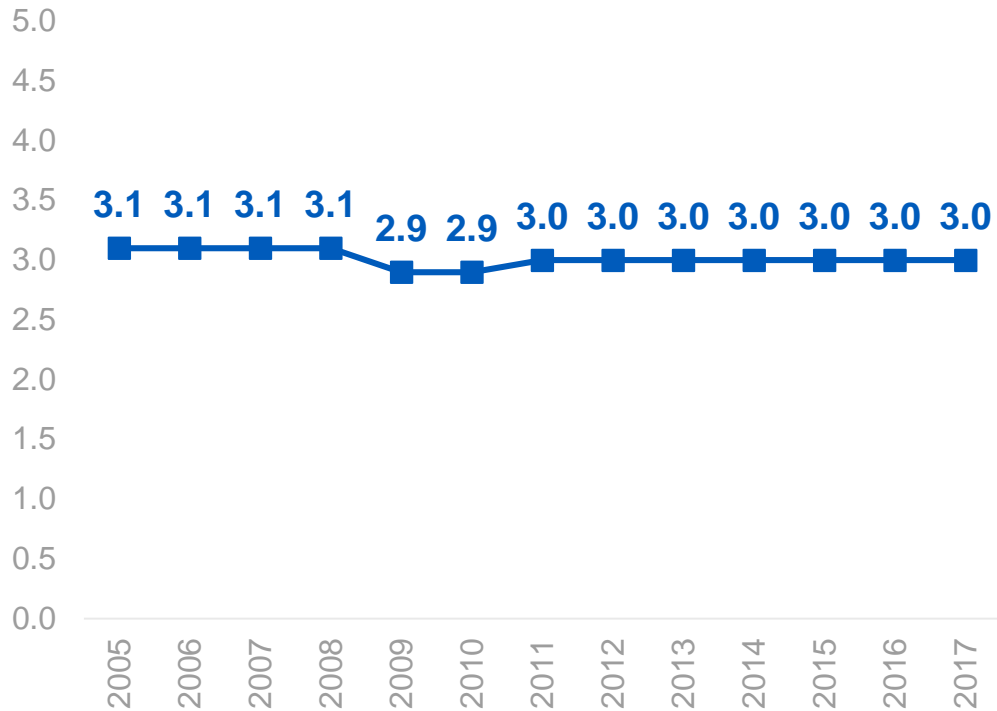
- Student satisfaction (25%)
- Post-graduate success (32.5%)
 - American Leaders list
 - Payscale.com salary data
- Student Debt (25%)
- 4 year graduation rate (7.5%)
- Academic success (10%)
 - Student awards
 - PhDs awarded

Washington Monthly

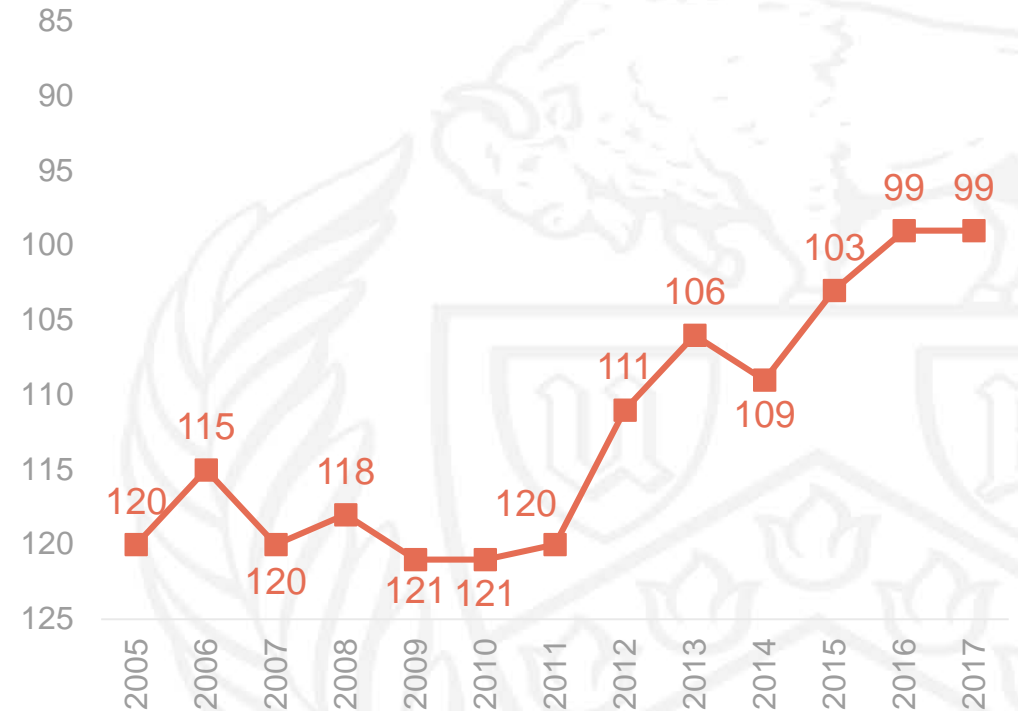
- Social mobility (33.3%)
 - % Pell, student quality
- Research (33.3%)
- Service (33.3%)
 - ROTC
 - Peace Corp %
 - % work study on community service
 - Courses incorporating service
 - Community service performed by students

PEER ASSESSMENT OF UB DOES NOT MATCH OUR IMPROVED RANK

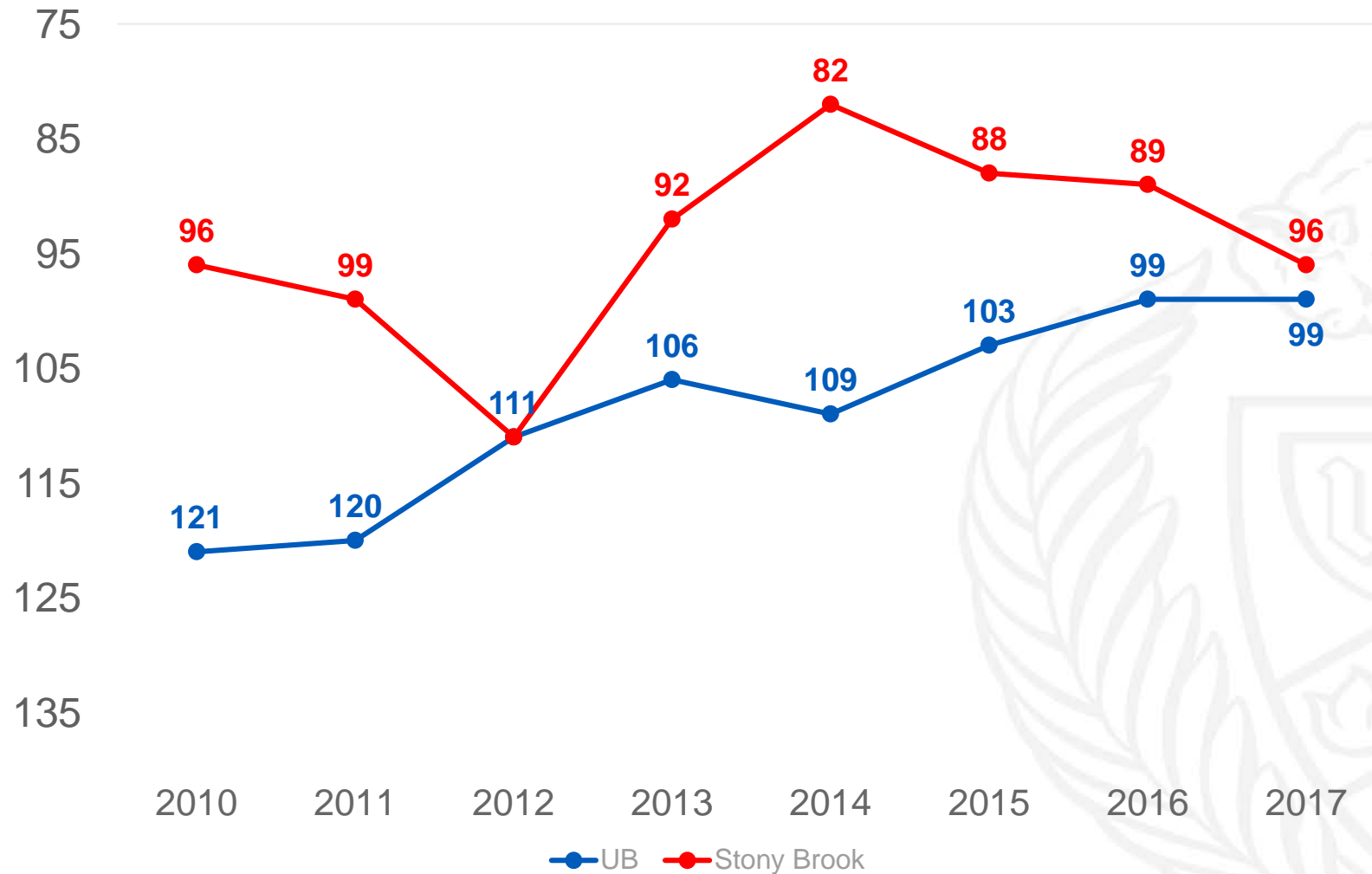
USN Peer Assessment



USN Best Universities Ranking

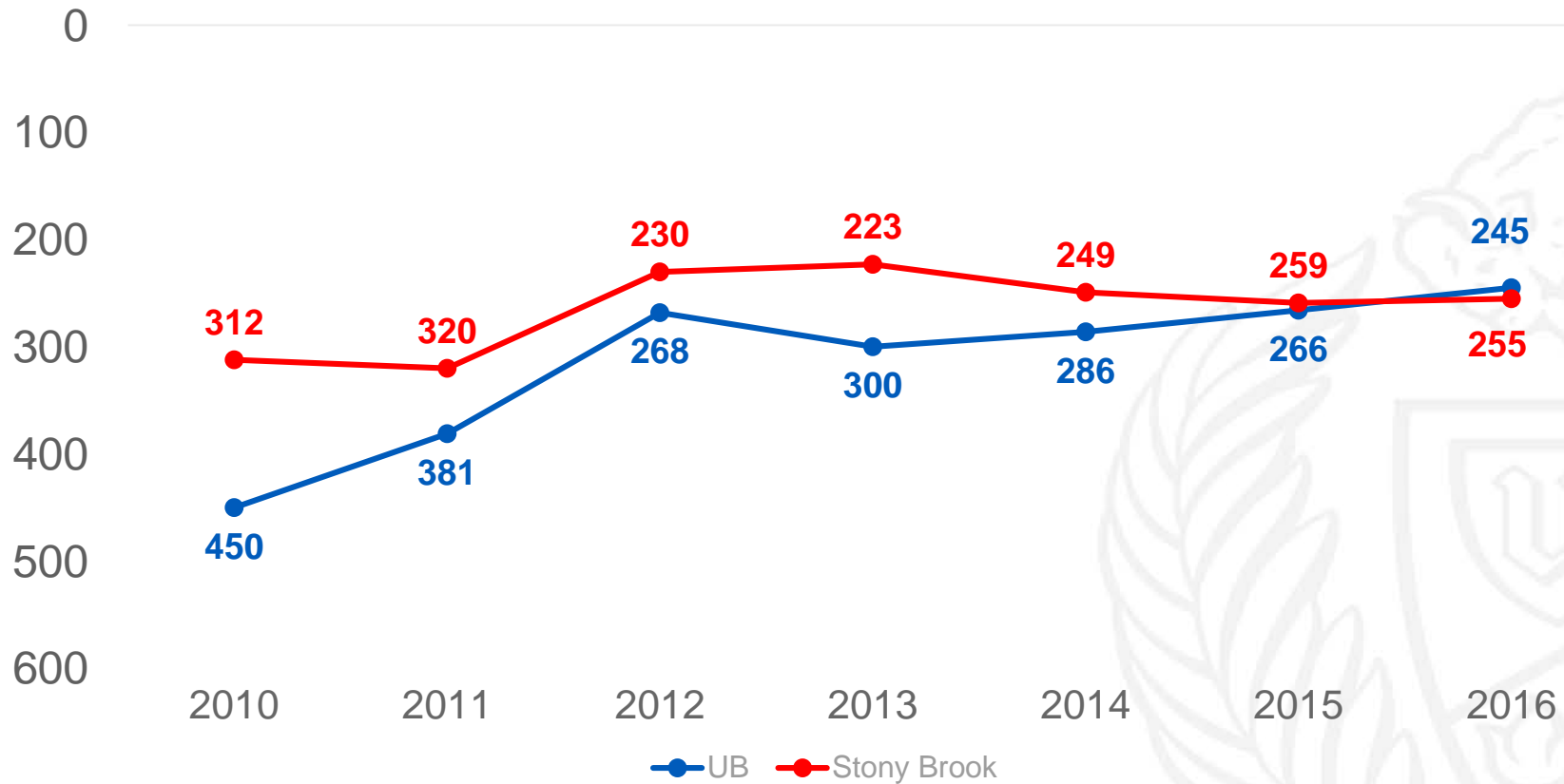


UB AND STONY BROOK: US NEWS RANKING

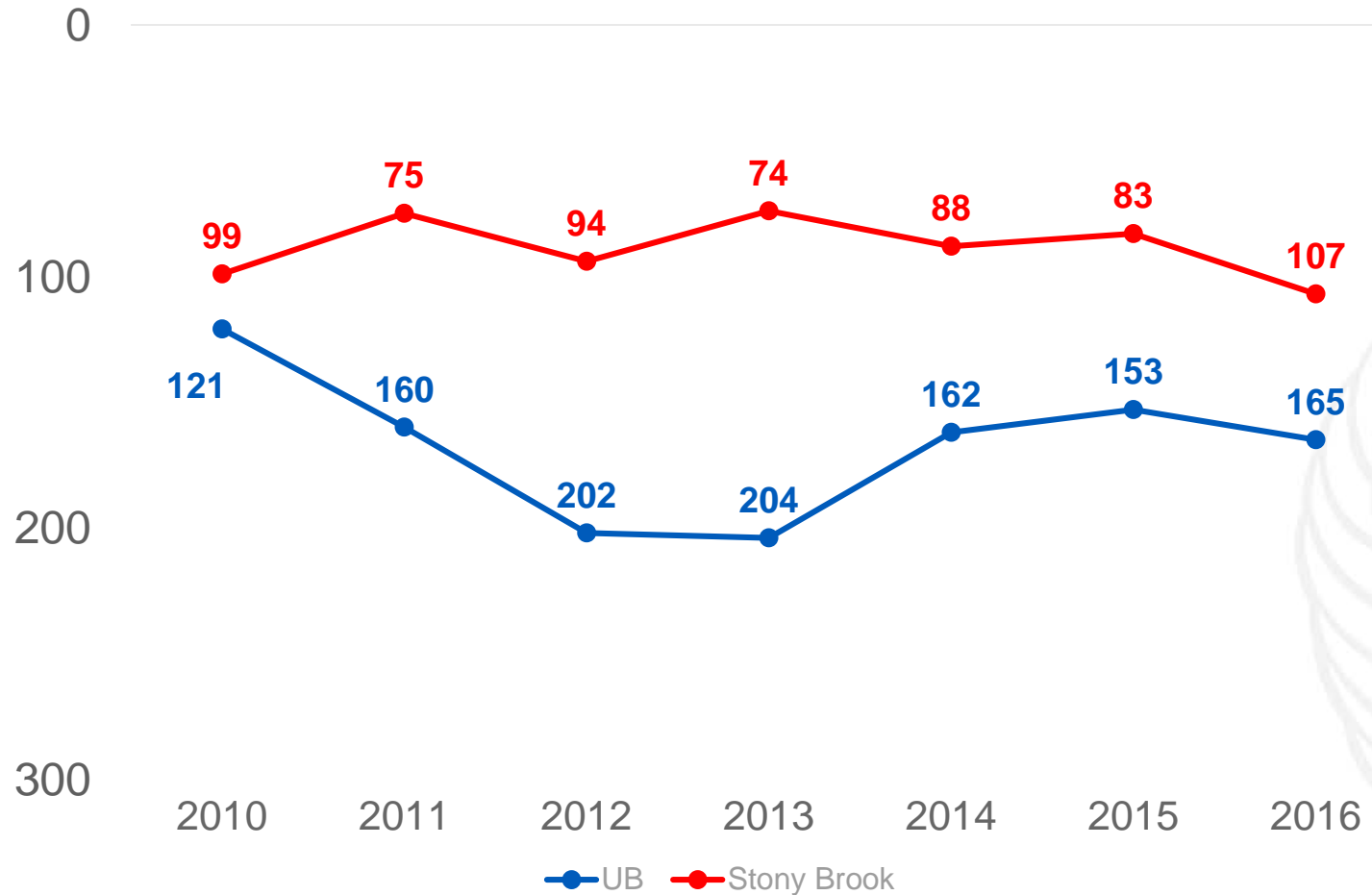


UB has the largest gain of any institution from 2009-2017 with the exception of UMass-Amherst.

UB AND STONY BROOK: FORBES



UB AND STONY BROOK: WASHINGTON MONTHLY



Relatively steady performance in this ranking despite not participating in 1/3 of the measure (Community Service component requires an additional survey which UB does not complete)

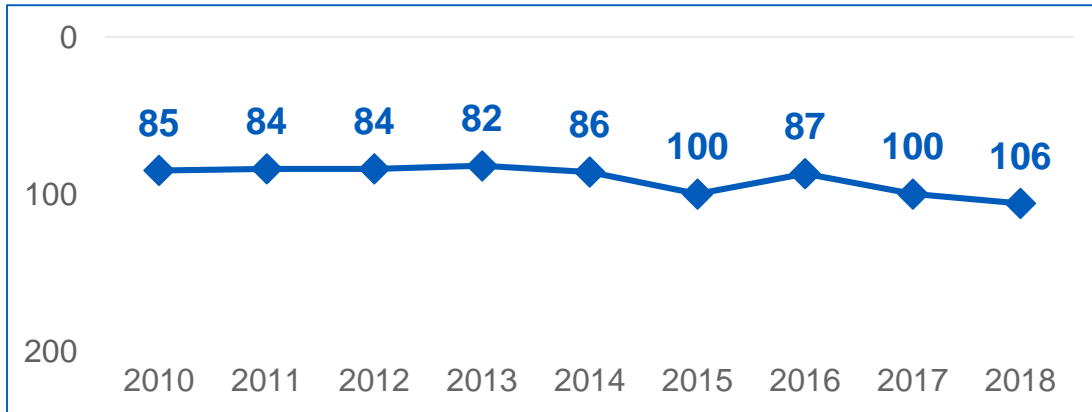
US NEWS PROGRAM RANKINGS SCORING ELEMENTS

Scoring Elements by Weight					
Ranking	Reputational Assessment	Student Selectivity	Placement Success	Faculty Resources	Research Activity
Law	40%	25%	20%	15%	
Business	40%	25%	35%		
Engineering	40%	10%		25%	25%
Education	40%	18%		12%	30%

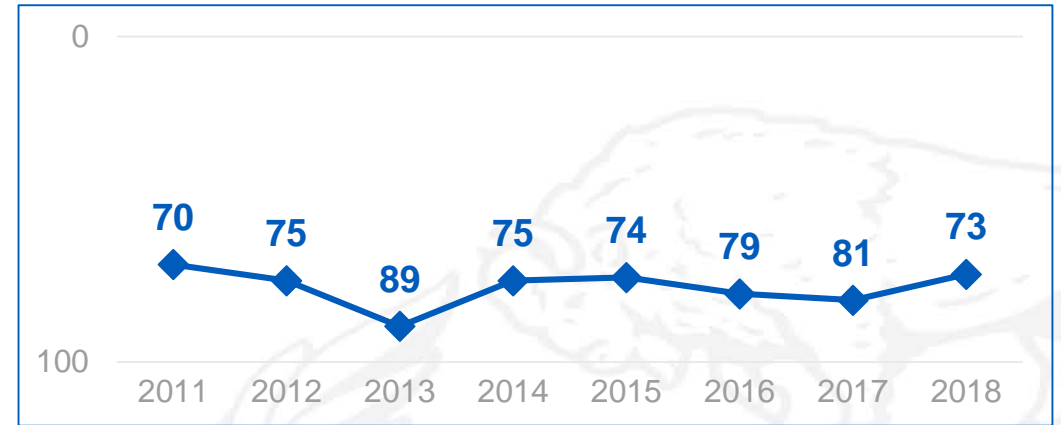


UB'S PERFORMANCE: US NEWS BEST SCHOOLS

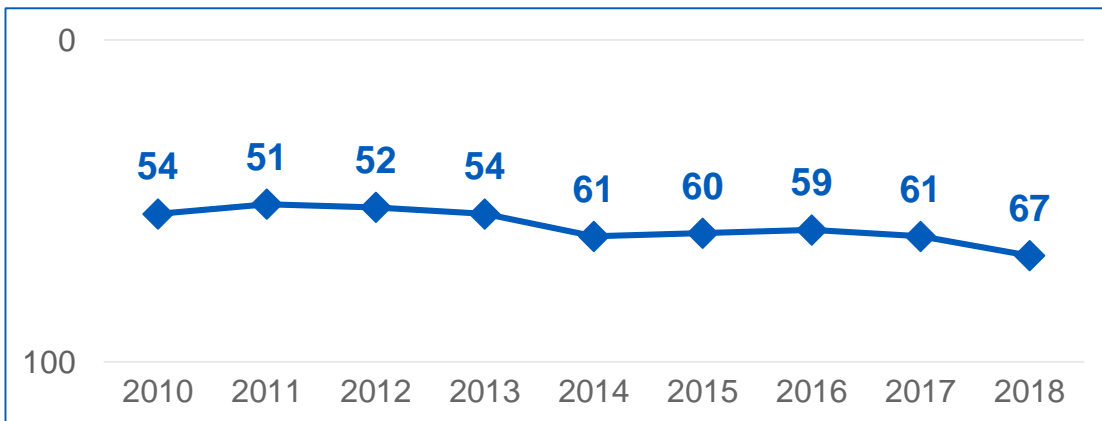
LAW



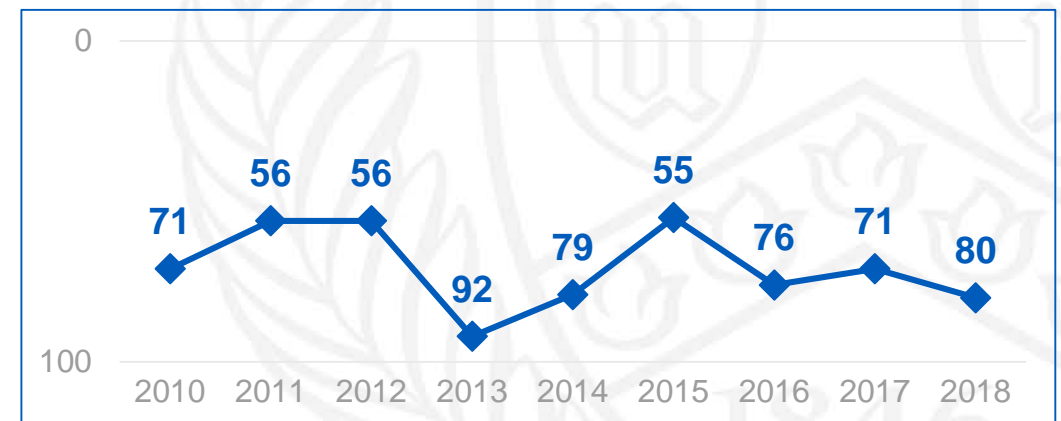
BUSINESS



ENGINEERING



EDUCATION



Note: 2018 AAU Public comparisons to UB are available.

UB AND PEERS: BEST LAW RANKINGS

2018 Rank	Institution
12	UC Berkeley
8	Michigan
8	Virginia
14	UT Austin
15	UCLA
20	Iowa
23	Minnesota
30	Indiana
28	UC Irvine
30	Ohio State
39	UC Davis
30	Washington
30	Wisconsin Madison
39	UNC Chapel Hill
48	Arizona
36	University of Colorado
44	Illinois
41	Florida
48	Maryland
65	Kansas
65	Missouri
86	Oregon
82	Pittsburgh
82	Penn State
62	Rutgers
96	Michigan State
106	UB



UB AND PEERS: BEST ENGINEERING RANKINGS

2018 Rank	Institution
3	UC Berkeley
5	Michigan
7	Georgia Tech
8	Purdue
9	Illinois
9	Texas
11	Texas A&M
13	UCSD
16	UCLA
18	Wisconsin-Madison
19	UC Santa Barbara
24	Maryland
25	Washington
27	Minnesota
31	Ohio State
32	Penn State
32	University of Colorado
34	UC Davis
37	UC Irvine
42	Florida
42	Pittsburgh
45	Iowa State
54	Rutgers
54	Arizona
67	Stony Brook
67	UB
67	Iowa
81	UNC Chapel Hill
89	Missouri
94	Kansas



UB AND PEERS: BEST EDUCATION RANKINGS

2018 Rank	Institution
3	UCLA
3	Wisconsin-Madison
9	Washington
11	Texas
14	Oregon
15	Michigan
17	Kansas
18	UC Berkeley
18	Virginia
21	Michigan State
21	Minnesota
24	Illinois
25	UC Irvine
27	Pittsburgh
29	University of Colorado
29	Florida
31	UNC Chapel Hill
32	Indiana
32	Maryland
36	UC Davis
38	Penn State
43	Iowa
43	Missouri
52	Rutgers
57	Arizona
69	UCSD
80	UB



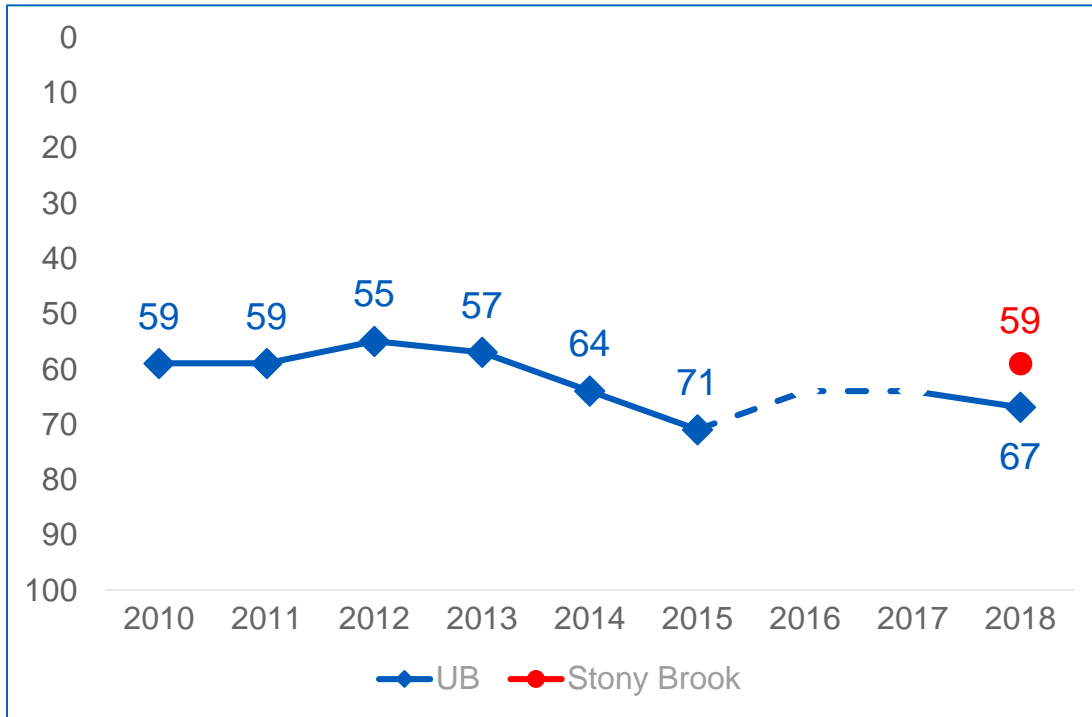
UB AND PEERS: BEST BUSINESS RANKINGS

2018 Rank	Institution
7	UC Berkeley
11	Michigan
14	Virginia
15	UCLA
17	Texas
18	UNC Chapel Hill
21	Indiana
27	Ohio State
29	Georgia Tech
32	Minnesota
34	Wisconsin-Madison
36	Penn State
37	Michigan State
38	Texas A&M
40	Florida
40	Illinois
42	UC Davis
44	UC Irvine
47	Maryland
49	Arizona
50	Purdue
50	Rutgers
53	Pittsburgh
64	Iowa
65	Iowa State
69	Missouri
73	UB
79	University of Colorado

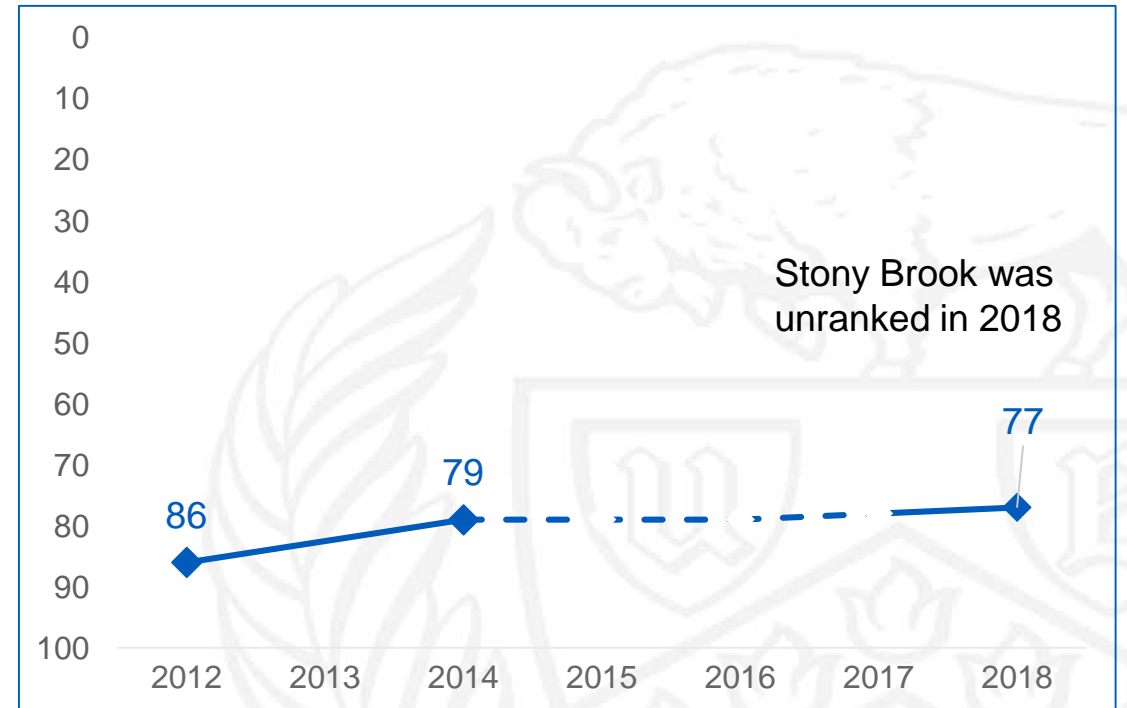


UB'S PERFORMANCE: US NEWS BEST SCHOOLS MEDICINE

MEDICINE: RESEARCH



MEDICAL: BEST PRIMARY CARE



Blanks indicate years with no rankings: the reputational survey that is required for ranking was not completed by the unit due to communications issues. Rankings are not calculated if peer assessments are not received.

US NEWS: BEST MEDICAL SCHOOLS: AAU PUBLICS

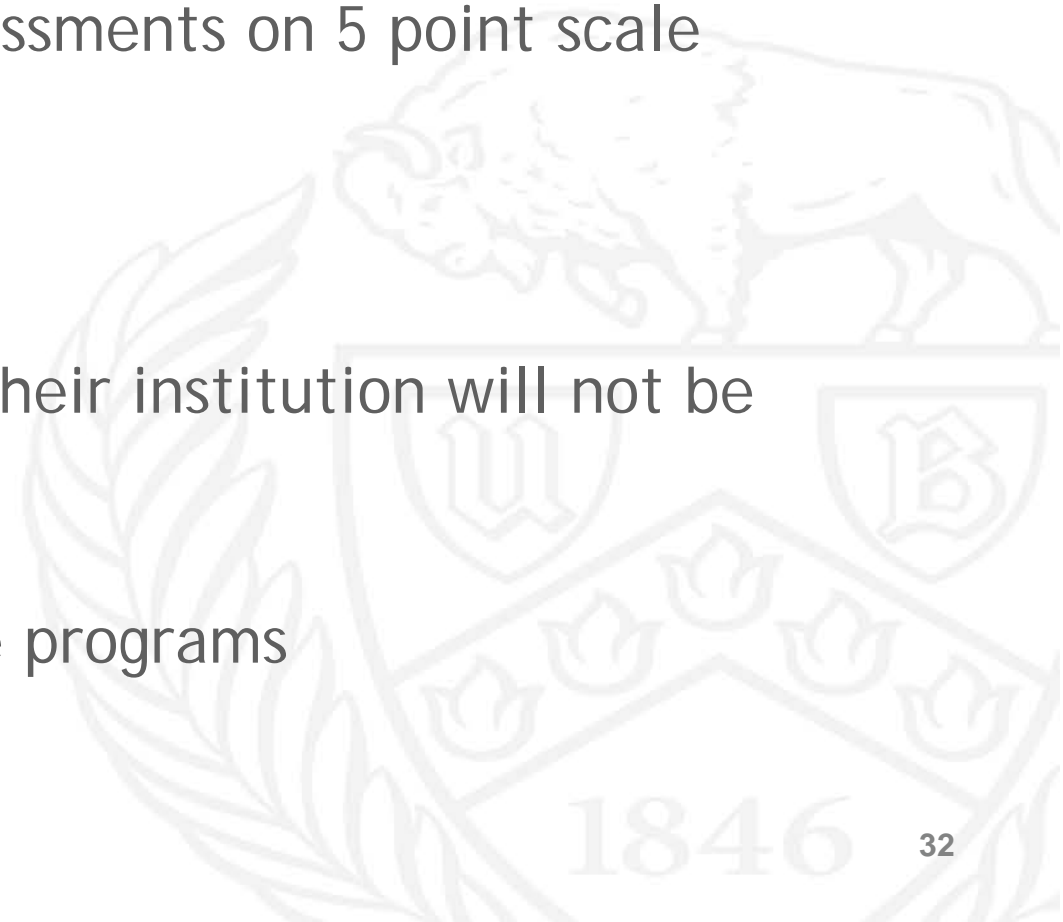
Best Medical Schools: Research	Institution
9	Michigan
11	UCLA
12	Washington
15	Pittsburgh
18	UCSD
24	UNC Chapel Hill
27	Virginia
28	Wisconsin—Madison
31	Ohio State University
35	University of Colorado
35	Iowa
40	Florida
40	Maryland
44	Minnesota
45	UC Davis
48	UC Irvine
52	Illinois
59	Stony Brook
65	University of Kansas
67	UB
67	Arizona
73	Rutgers
73	Missouri
RNP	Michigan State
Unranked	Penn State

Best Medical Schools: Primary Care	Institution
1	Washington
2	UNC Chapel Hill
5	Michigan
6	UCLA
7	Minnesota
8	University of Colorado
12	UCSD
13	Pittsburgh
14	Wisconsin—Madison
18	UC Davis
21	Iowa
24	Virginia
27	Ohio State University
33	Michigan State
44	Maryland
49	University of Kansas
51	Illinois
55	Missouri
61	Florida
71	UC Irvine
76	Arizona
77	UB
88	Rutgers
RNP	Stony Brook
Unranked	Penn State



US NEWS GRADUATE PROGRAM RANKINGS

- PhD Program rankings based solely on peer assessments on 5 point scale
- Rankings updated every 3-4 years
- If an institution does not return their surveys, their institution will not be included in the ranking
- Surveys sent to deans and directors of graduate programs

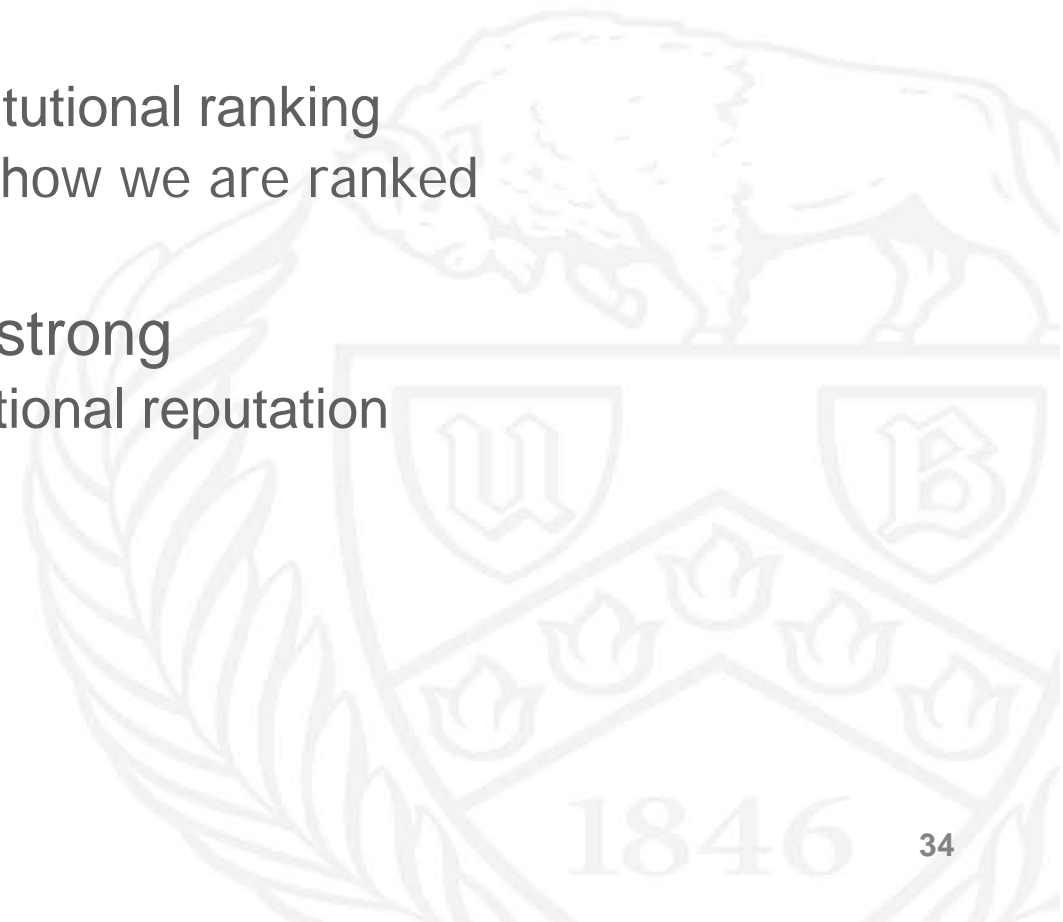


US NEWS PROGRAM RANKINGS 2018

UB Graduate Program Rankings/U.S. News	UB	Stony Brook
Best Schools of Engineering	67	67
Best Engineering Schools: Biomedical Engineering / Bioengineering	63	56
Best Engineering Schools: Chemical Engineering	55	63
Best Engineering Schools: Civil Engineering	30	116
Best Engineering Schools: Electrical/Electronic/Communications Engineering	74	74
Best Engineering Schools: Mechanical Engineering	69	69
Best Health Schools: Clinical Psychology	50	4
Best Health Schools: Occupational Therapy	32	44
Best Health Schools: Physical Therapy	79	64
Best Health Schools: Social Work	27	71
Best Schools of Medicine: Research category	67	59
Best Schools of Medicine: Best Primary Care	77	RNP
Best Schools of Nursing: Master's	97	50
Best Schools of Nursing DNP	66	56
Best PhD Programs: Biological Sciences	115	55
Best PhD Programs: Math	73	25
Best PhD Programs: Physics	85	23
Best PhD Programs: Social Science and Humanities: Economics	90	63
Best PhD Programs: Social Science and Humanities: English	42	60
Best PhD Programs: Social Science and Humanities: History	91	63
Best PhD Programs: Social Science and Humanities: Political Science	65	29
Best PhD Programs: Social Science and Humanities: Psych	75	39
Best PhD Programs: Social Science and Humanities: Sociology	67	40
Best PhD Programs: Chemistry	76	56
Best PhD Programs: Computer Science	63	40
Best PhD Programs: Earth Sciences	88	34
Best PhD Programs: Fine Arts	69	98

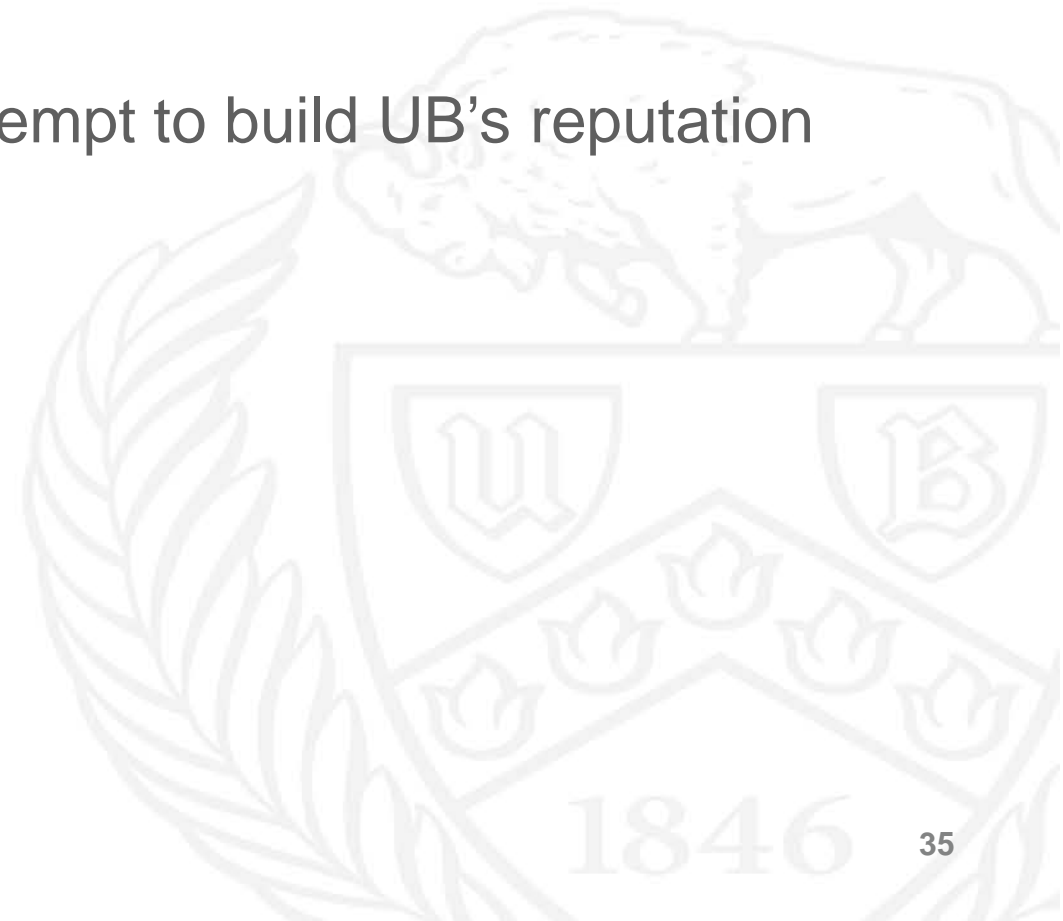
LESSONS

- Scholarly productivity and reputation drive institutional and professional school ranking
 - Quantitative measures are important for institutional ranking
 - How we submit data makes a difference to how we are ranked
- Reputation of many UB disciplines is not strong
 - Disciplinary reputation is significant in institutional reputation



QUESTIONS

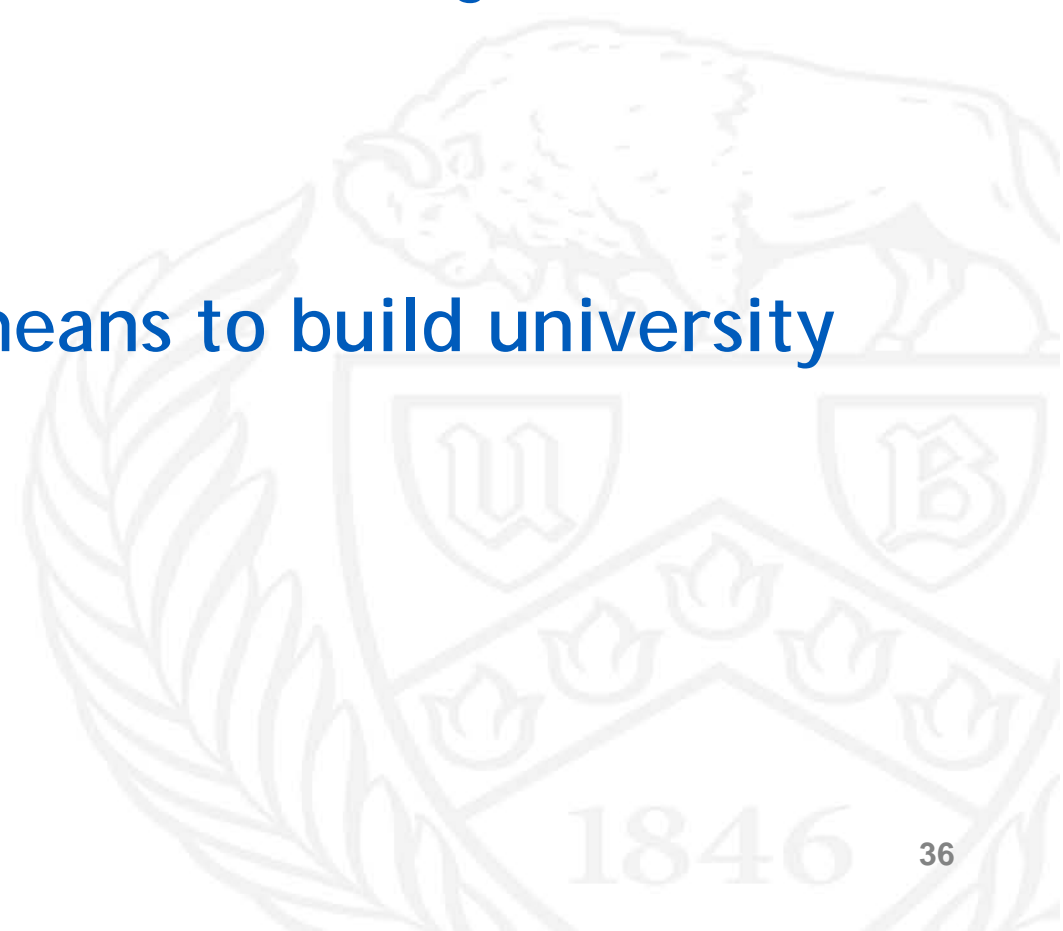
- What is needed to build UB's disciplinary strength and productivity?
- What strategies and tactics should we attempt to build UB's reputation among our peers?



NEXT STEPS

Deans and the Provost—Identify and invest in strategies that build strength and reputation

The Entire University—Determine all means to build university visibility



OBSERVATION

- UB institutional rankings are improving while our subject rankings are declining
- Rankings outcome are a function of:
 - *Improving institutional outcomes*
AND
 - *Managing the rankings submission in a highly disciplined manner*

