
NYSUNY 2020



Promises Made, Promises Kept



Stony Brook University

Note: Below is a list of promises/goals made in the original NYSUNY 2020 Challenge Grant Application and SBU's accomplishments and progress. Link to application: <http://www.stonybrook.edu/sb/docs/econplan.pdf>

FACULTY HIRES/JOB CREATION

1. Promise: Hire 267 faculty by 2015-16

- 246 net new faculty hired since 2011 (see chart below)

Full-Time Faculty*	2011	2012	2013	2014	Change
Total	1,557	1,631	1,705	1,803	+246
Tenured	680	689	705	719	+39
On Tenure Track	206	224	253	300	+94
Not on Tenure Track	671	718	747	784	+113

* This includes medical and non-medical faculty

- This represents more than half of the 400 gross new faculty since 2011
- A total of \$142.6M in grant activity was attributable to the 246 faculty hires (see chart below; numbers rounded)

Grant Activity	Year of Hire			Grand Total
	2012-13	2013-14	2014-15	
Award and Project Principal Investigators among faculty	\$58.1M	\$21.5M	\$23.6M	\$103.2M
Co-Principal Investigators hired 2012-13 and later	\$13.9M	\$7.7M	\$17.6M	\$39.4M
Total	\$72M	\$29.4M	\$41.2M	\$142.6M

- 21 SBU/BNL joint appointments with approximately 12 additional hires planned within next 5 years

2. Promise: Hire 400 new staff

- Added 128 full-time positions

Full-Time Staff – State Funds	2011	2012	2013	2014	Change
TOTAL	2,336	2,356	2,377	2,434	98
Administration	652	652	655	673	21
Economic Development	19	22	24	27	8
External Relations	36	37	38	36	0
Health Sciences Center	158	164	160	163	5
President (Athletics, IT, Executive Staff)	244	257	265	275	31
Provost*	591	591	608	605	14
School of Medicine†	143	128	125	129	- 14
Student Affairs ‡	315	318	311	295	- 20
University Advancement	15	23	23	28	13
University Wide	161	162	164	199	38
VP for Research	1	1	3	3	2
VP for Brookhaven Affairs	1	1	1	1	0

See next page for footnotes

Full-Time Staff – Research Foundation Funds	2011	2012	2013	2014	Change
TOTAL	1,748	1,767	1,784	1,778	30
Administration	99	96	89	82	-17
Economic Development	7	7	12	10	3
External Relations	2	2	1	1	-1
Health Sciences Center	51	44	36	35	-16
President	16	14	13	8	-8
Provost	217	235	217	187	-30
School of Medicine	1,230	1,252	1,293	1,327	97
University Advancement	16	16	15	16	0
University Wide	51	46	52	58	7
VP for Research	59	55	56	54	-5

Footnotes for Full-Time Staff – State Funds chart:

* Provost staff hires referenced in the chart above include:

- New instructional and support staff for new departments and programs in Civil Engineering, Chemical Engineering and Biomedical Informatics
- Four financial aid advisors and three academic advisors, including one new CEAS advisor
- Tutoring Center staff (two professional staff + student tutors)
- Center for Academic Assessment (two professional staff) to assess academic programs
- Graduate student hires:
 - Increased graduate student TA positions by 90, enabling about 180 new class sections and significantly increasing the number of lab sections in high-demand introductory science courses.
 - TA stipend increase of \$2,000 from \$15,145 to \$17,145 makes SBU more competitive with other institutions for higher-quality grad students.
 - Increased Chemistry TAs from 52 to 72 lines in order to staff bottleneck undergraduate lab sections. In addition, Chemistry is one of our best and most desirable doctoral programs, so we are able to build strategically to strengthen what is already a top 20 graduate program.

† The decrease in School of Medicine staff positions is the result of retirement and vacancies.

‡ The Student Affairs department decrease includes seasonal staff hires, which differ from year to year, and retirement/vacancies of other positions

3. Promise: Hire 80 clinicians

- Since 2011, 73 practicing clinicians were added (see chart below)

Clinical Faculty/Department*	2011	2014	Change
Anesthesiology	49	52	3
Biomedical Engineering	2	0	-2
Biomedical Informatics	0	1	1
Cancer Center	0	1	1
Dermatology	3	5	2
Emergency Medicine	34	36	2
Family Medicine	9	11	2
General Dentistry	9	8	-1
Medical Services	1	0	-1
Medicine	106	134	28
Neurology	18	23	5
Neurosurgery	10	11	1
Obstetrics and Gynecology	28	31	3
Ophthalmology	9	10	1
Oral and Maxillofacial Surgery	1	1	0
Oral Biology and Pathology	7	9	2
Ortho and Pediatric Dentistry	2	4	2
Orthopaedics	17	18	1
Pathology	21	21	0
Pediatrics	71	81	10
Periodontology	3	2	-1
Physiology and Biophysics	1	1	0
Preventive Medicine	5	4	-1
Prosthodontics	3	5	2
Psychiatry	22	25	3
Radiation Oncology	5	6	1
Radiology	32	36	4
Surgery	40	45	5
Urology	10	10	0
Grand Total	518	591	73

* Clinical faculty are considered "Geographic Full-Time Titles"

ENROLLMENT, GRADUATION AND RETENTION RATES

1. Promise: Admit additional 1,200 students

- Total increase of 1,352 (see chart below)

Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015
23,920	23,825	24,000	24,451	25,272

- Freshman applicant pool has increased by 27%, from 26,911 in Fall 2011 to 34,152 in Fall 2015 (most in SUNY system)
- Fall 2015 freshman class includes 31 valedictorians, 29 salutatorians and 34 National Merit Semifinalists or Finalists.

2. Promise: Additional faculty will improve SBU's current four-year graduation rate by 8%

- Four-year graduation rates are up 3.6% (see chart below)

4-Year Graduation Rates (Full-Time, First-Time Students)					
Cohort Year	2006	2007	2008	2009	2010
Result	47.4%	45.1%	47.6%	46.2%*	51.0%*

* Unofficial until report to IPEDS

- Retention rates up (see chart below)
 - Almost 4% to 2nd year
 - More than 4% to 3rd year
 - Almost 5% to 4th year

Retention Rates of Full-Time Students								
Cohort Year	2007	2008	2009	2010	2011	2012	2013	2014
Retained to 2nd year			87.9%	91.6%	89.9%	90.1%	89.3%	90.4%
Retained to 3rd year		78.1%	77.9%	81.3%	80.1%	81.6%	82.6%	
Retained to 4th year	71.6%	72.7%	73.0%	76.9%	76.5%	77.3%		

3. Promise: Six-year graduation rate will improve by 10%

- Six-year graduation rates are up 3.4% (see chart below)

6-Year Graduation Rates (Full-Time, First-Time Students)					
Cohort Year	2004	2005	2006	2007	2008
Result	65.2%	67.3%	69.7%	65.9%	68.6%

STUDENT BENEFITS

1. Promise: Faculty will be added to every single school or college

- SBU added full-time faculty to every school/college except Social Welfare (see chart below)

Comparison of Full-Time Faculty Fall 2011 and Fall 2014 by School/College				
School or College	2011	2014	Change	
	N	N	N	Pct
Arts & Sciences	510	561	51	10%
Business	15	37	22	147%
Engineering & Applied Sciences	139	170	31	22%
Journalism	10	12	2	20%
Marine & Atmospheric Sciences	41	45	4	10%
Dental Medicine	31	37	6	19%
Health Technology & Management	60	73	13	22%
Medicine	649	738	89	14%
Nursing	27	36	9	33%
Social Welfare	23	12	-11	-48%
Others	76	82	6	8%
Acad Admin & University-Wide	0	1	1	0%
Centers and Institutes	45	50	5	11%
Athletics	3	3	0	0%
Dean of Students	2	2	0	0%
Economic Development	1	1	0	0%
Medical Services	5	0	-5	-100%
Medical Center	1	2	1	100%
Southampton Academic Affairs	5	6	1	20%
Undergraduate Affairs	2	1	-1	-50%
Graduate School	1	0	-1	-100%
Interdivisional Activities	10	15	5	50%
International Academic Programs	1	1	0	0%

2. Promise: Student-to-faculty ratio will improve from 28:1 to 22:1 (equal to the public AAU average)

- Student-to-faculty ratio has improved from 28:1 to 24:1 (see chart below)

Student-Faculty Ratios						
	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015*
Total Head Count Enrollment	24,363	23,920	23,946	24,143	24,607	25,272
Tenured/Tenure-Track Faculty/ Full-Time Equivalent	885	886	913	958	1,019	1,025
IPEDS Head Count/Full-Time Tenured and Tenure-Track Faculty	27.53	27.00	26.23	25.20	24.15	24.66

* (Forecast as of 9/30/2015) Fall 2010 is used as baseline because it is the last known number that would have been used to establish a 28:1 ratio and would use publicly available data that could be benchmarked against the AAU

3. Promise: Additional 400 undergraduate research placements will be created

- SBU increased research opportunities for undergraduates by adding more than 400 placements, from 6,489 in 2011-12 to an estimated 6,900 in 2015-16. (A final count will be available in late February 2016.)

Enrollments in Research Courses Meeting the SUNY Experiential Learning Definition for Research/Fieldwork						
Term	2011-12	2012-13	2013-14	2014-15	2015-16	Notes for 2015-16
Summer	506	541	466	501	707	Actual
Fall	2,801	2,695	3,220	2,636	2,647	Actual
Spring	3,041	3,291	3,480	3,470	3,475	Estimated as average of last two years
Winter	141	70	67	104	71	Estimated as average of last two years, less 14
Grand Total	6,489	6,597	7,233	6,711	6,900	Estimated

4. Promise: Additional course offerings as a result of NYSUNY 2020

- Increase of 685 sections (+10.3%) from 2011-12 to 2014-15 (see chart below)

Distinct Course Sections Offered in Fall and Spring Terms						
Academic Year	2011-12	2012-13	2013-14	2014-15	Change	
School/College	Count	Count	Count	Count	Count	Pct
Arts and Sciences	3,049	3,147	3,062	3,393	344	11.3%
Business	216	229	211	215	-1	-0.5%
Dental Medicine*	34	31	34	29	-5	-14.7%
Engineering & Applied Sciences	611	678	725	856	245	40.1%
Health Technology & Management	537	521	538	590	53	9.9%
Journalism	106	103	97	109	3	2.8%
Marine & Atmospheric Sciences	99	131	134	106	7	7.1%
Medicine*	88	91	97	101	13	14.8%
Nursing	344	349	432	348	4	1.2%
Professional Development	374	329	320	286	-88	-23.5%
Provostial Area	530	585	567	592	62	11.7%
Social Welfare	162	161	154	154	-8	-4.9%
Southampton	31	43	47	97	66	212.9%
Cross-listed sections†	500	519	579	490	-10	-2.0%
Distinct Course Sections	6,681	6,917	6,997	7,366	685	10.3%

* Does not include sections for MD and DDS students

† Cross-listed sections counted only once but may bridge schools or colleges

FINANCIAL ASSISTANCE

1. Promise: Fund an institutional needs-based scholarship program to supplement TAP-eligible students whose family income is \$75K or less, so these students will be held harmless from tuition increase

- No SBU student from families earning \$75K or less pays more in tuition charges as a result of increases from NYSUNY 2020
- Since the start of NYSUNY 2020, \$3.2M in SBU tuition credits has been awarded to 9,603 SBU students

2. Promise: SBU will establish a merit-based scholarship for students maintaining a 3.0 GPA with family income between \$75K and \$100K

- Since the start of NYSUNY 2020, \$369K in SBU merit-based NYSUNY 2020 awards has been given to 1,809 SBU students whose family incomes range from \$75K to \$100K

3. Additional info: Since the start of NYSUNY 2020 (through 2014-15), \$10.9M in SUNY tuition credits has been awarded to 13,563 Stony Brook students

MEDICAL RESEARCH AND TRANSLATION (MART)

- 1. Promise: Create 1,900 direct jobs**
 - 428 direct construction jobs created thus far
- 2. Promise: Create 2,300 indirect jobs**
 - 190 indirect jobs created thus far
- 3. Promise: MART will house 25 cancer biology-oriented labs. Each lab will provide workspace for a principal investigator and five to 10 staff, totaling 250 to 300 new jobs with competitive compensation packages**
 - On target to meet goal
- 4. Promise: Add 20 cancer clinical investigators and a 10-person Biomedical Informatics department**
 - Hired 20 cancer researchers and clinicians since 2012 with plans for 15 more cancer clinical investigators
 - 10 Biomedical Informatics department personnel hired
- 5. Promise: Add four new faculty to work alongside six dual-appointed BNL faculty in the Biomedical Imaging Program**
 - Hired 10 faculty members in Bioimaging, including eight in Psychiatry, Radiology and Neurology departments on East Campus, and two through Biomolecular Imaging interdisciplinary cluster hiring initiative on West Campus in Biochemistry and Chemistry.
 - Searches are under way for two additional faculty, both of whom will collaborate with existing joint faculty appointments with BNL.

SBU COMPARISON WITH AAU PEERS (ADDITIONAL INFO)

- 1. Tuition remains among lowest nationwide compared with AAU's 34 public institutions (2014-15)**
 - Undergraduate without room & board (R&B)
 - 5th lowest in-state: \$8,430
 - 3rd lowest out-of-state: \$21,850
 - Undergraduate with R&B
 - 11th lowest in-state: \$20,078
 - 4th lowest out-of-state: \$33,498
 - Graduate without R&B
 - 11th lowest in-state: \$20,078
 - 4th lowest out-of-state: \$21,621
 - SBU is also 5th lowest among all 60 U.S. institutions in the entire AAU

STONY BROOK FOUNDATION

- 1. Promise: Amend the conflict-of-interest policy to include a provision requiring a board member or officers to advise the chair of the Foundation or its affiliated corporation of the board member's or the board member's relative business interest in any such existing or proposed vendor with the Foundation or its affiliate**
 - Completed

MINORITY AND WOMEN-OWNED BUSINESS ENTERPRISES (MWBEs)

- 1. Promise: 20% participation rate in NYSUNY 2020-related projects**
 - The core and shell (building foundation, frame, etc.) of NYSUNY 2020 projects are currently at 21.5% minority and 1.9% women-owned businesses
 - The 'Fit-Out' (interior spaces) is currently at 11% minority and 6% women-owned businesses
- 2. Promise: Expand efforts to assist MWBEs to increase participation in SBU procurement activities**
 - SBU increased outreach by attending MWBE events, hosted the largest MWBE event on LI and partnered an event with LI African American Chamber of Commerce
 - Increased use of discretionary purchasing authority to target certain purchases to MWBEs
 - SBU Procurement staff contact MWBEs on Empire State Development's directory
 - SBU shares information on qualified MWBEs with other SUNY campuses
- 3. Promise: Procurement will reach out to vendors and help them get certified as MWBE vendors**
 - SBU Procurement Department, individual user departments and the SBU Small Business Development Center (SBDC) has helped non-certified MWBEs to navigate the NYS certification process
- 4. Promise: Facilities staff will work with project consultants and managers to encourage participation of known MWBE vendors**
 - SUNY campus advertisements for contracting opportunities include MWBE as well as Service-Disabled Veteran-Owned Business (SDVOB) goals: 15% minority; 15% women; 6% SDVOB
- 5. Promise: SBU will work with SBDC to assist MWBE vendors through mentorship and outreach**
 - SBU continues to work with SBDC to increase campus MWBE utilization and through the events mentioned in promise No. 2 above, SBU's MWBE utilization increased from \$12.3M in 2013-14 to \$17.6M in 2014-15 — a 43% increase.