

Faculty Senate Meeting

The State of Binghamton University: 2016

HARVEY G. STENGER

SEPTEMBER 20, 2016



BINGHAMTON
UNIVERSITY
STATE UNIVERSITY OF NEW YORK

An aerial photograph showing a massive crowd of people, mostly in white shirts, gathered on a green lawn in front of university buildings. The text '2012-2016' is overlaid in large white font.

2012 -2016

Four years of growth

- Faculty
- Staff
- Enrollment
- New and renovated buildings and spaces

Four years of progress

- New student success programs
- Growing philanthropic support
- Greater diversity
- Growth in research
- Greater impact in our region
- Greater visibility and recognition
- Outstanding rankings

2012-13 Highlights

- Road Map design and launch
- TAEs established
- NYSUNY 2020 legislation – maintenance of effort, tuition policy, enrollment growth, funds for new building for chemistry and physics
- Division of Diversity, Equity and Inclusion
- Pharmacy and Pharmaceutical Sciences program design

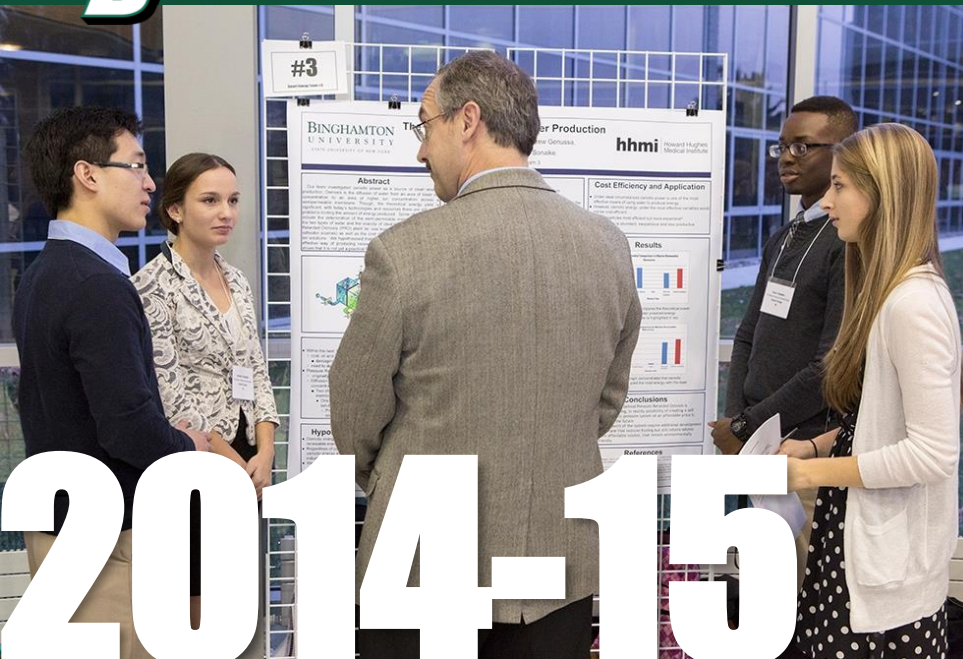
2012-13



2013-14 Highlights

- Expanded our Center for Learning and Teaching
- Expansion of Binghamton Scholars Program
- Southern Tier Incubator – downtown Binghamton
- New Dickinson Community residence halls completed





2014-15 Highlights

- Funding for Johnson City School of Pharmacy and Pharmaceutical Sciences building
- Alumni launch Global Day of Service
- Freshman Research Immersion Program launched
- Funding for Global Center in Old Champlain



2015-16 Highlights

- Student Wing project
- Old Dickinson repurposing
 - Geography, Mathematics, Alumni, Old Digman, Advising, Counseling, Global Center
- Upstate Revitalization Initiative award
 - Johnson City Health Science campus
 - Flextech awarded to Center for Advanced Microelectronics Manufacturing (Camm) in Endicott
 - City of Binghamton downtown improvements
 - Regional job growth



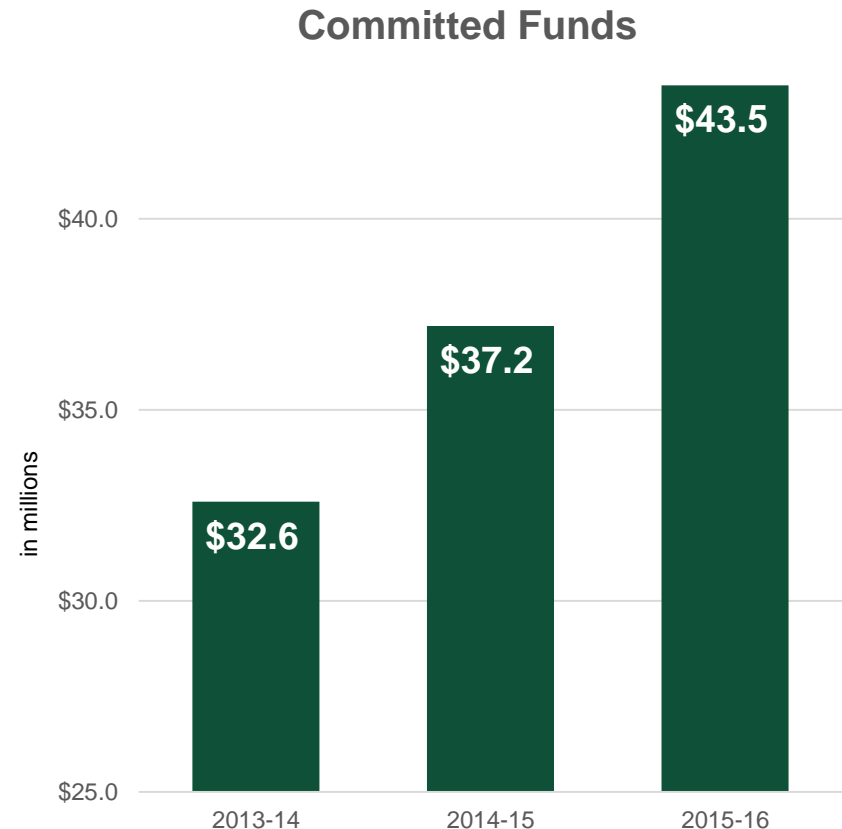


The Road Map: Targets and Metrics

STRATEGIC PRIORITY 1

Path-breaking graduate education, research, scholarship and creative activities

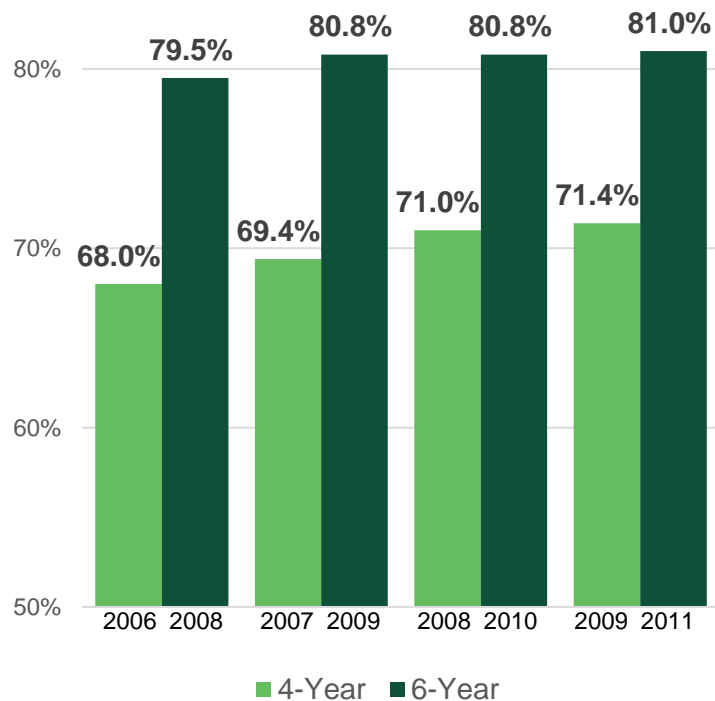
- Metrics:
 - Faculty participation in TAEs, Organized Research Centers, and Institutes of Advanced Studies
 - PhDs awarded
 - Sponsored Program Committed Funds and Expenditures
- Primary metric: Academic Analytics ranking



STRATEGIC PRIORITY 2

A transformative learning community that prepares students for advanced education, careers and purposeful living

Graduation Rate

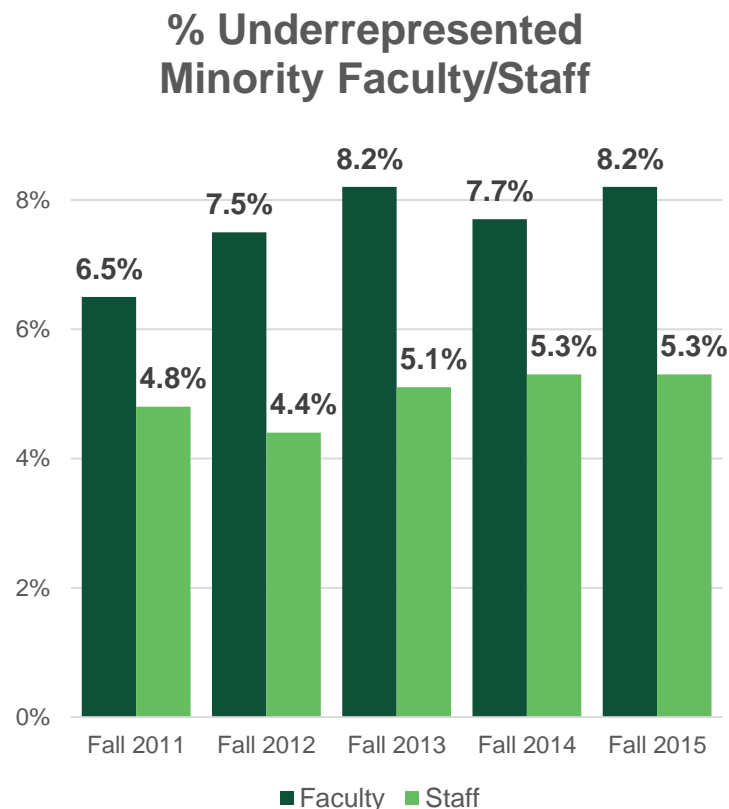


- Primary metric: Graduation rate
- Secondary metrics:
 - First-year retention rate
 - High-impact learning experiences
 - Post-graduate placements

STRATEGIC PRIORITY 3

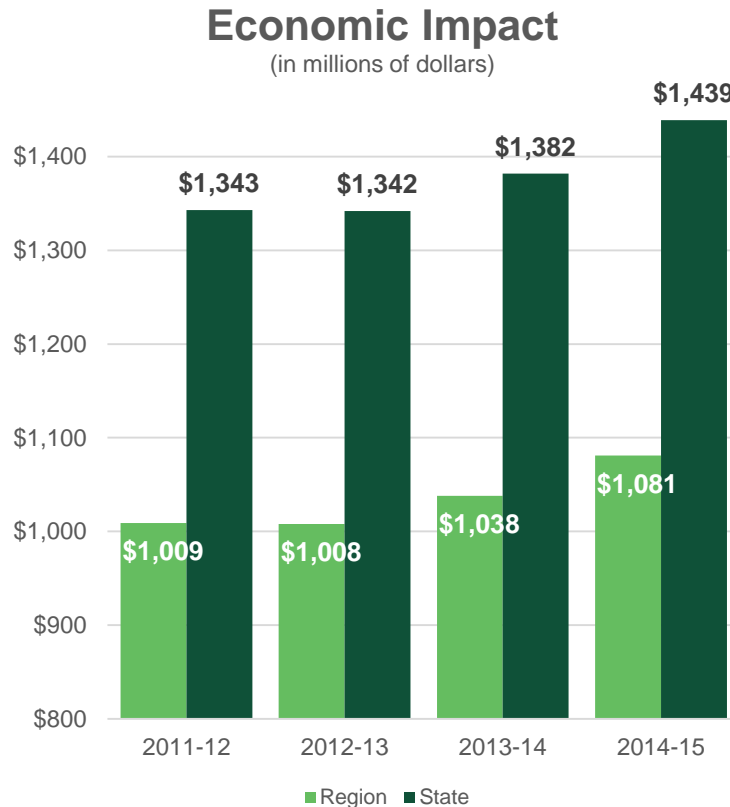
The premier public university of the 21st century will unite to foster a diverse and inclusive campus culture

- Primary metric: Percent of underrepresented minority (URM) faculty
- Secondary metrics:
 - Percent of URM students
 - Percent of students receiving Pell grants
 - Graduation rate of URM students
 - Number of students served by Services for Students with Disabilities (SSD)



STRATEGIC PRIORITY 4

Enhance the University's economic, social and cultural impact through engagement from the local to the global level

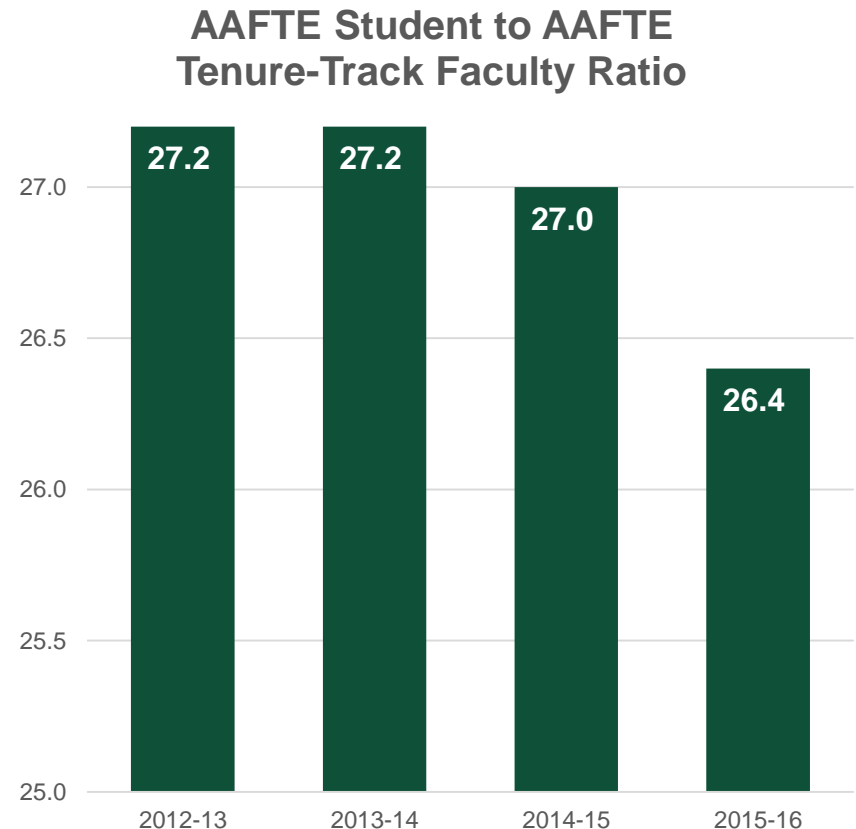


- Primary metric: Total University economic impact
- Secondary metrics:
 - Students participating in local community
 - Number of start-up companies
 - Number of people participating in campus events
 - Participation in study abroad

STRATEGIC PRIORITY 5

Optimize the acquisition and allocation of human, technological, financial and physical resources

- Primary metric: Student-to-tenure-track faculty ratio
- Secondary metrics:
 - Total University revenues
 - Philanthropic support
 - Campus space



AAFTE = annual average full time equivalent

Successes on key Road Map priorities

- Faculty hiring
 - 257 new tenured and tenure-track faculty since 2011
 - 136 net new
- Faculty growth faster than student growth
 - Lowers student-to-tenure-track faculty ratio
 - More opportunities for faculty student engagement
 - Increases student success

Tenured and Tenure-Track Faculty

School	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Net New
CCPA	20	24	26	27	27	33	13
DSON	14	15	16	19	20	21	7
GSE	19	20	21	19	18	17	-2
Harpur	323	343	365	369	390	399	76
Pharm	—	—	—	—	3	6	6
SOM	33	36	38	38	40	41	8
Watson	66	71	76	85	91	94	28
Total	475	509	542	557	589	611	136

Looking Ahead



Higher education environment

- Cost and student indebtedness
- A focus on completion and careers
- Campus safety
- Diversity and inclusion
- Sustainability and energy efficiency
- A shrinking college-age population in NY
- NYSUNY 2020 legislation
- A new chancellor



2016-17 strategies

- Hold undergraduate enrollment constant
- Continue to grow graduate enrollment
- Expand and leverage external sources of funding – state, federal, private
- Create new offerings in health sciences
- Design a new TAE
- Build a collaborative University



**2016
-2017**

Collaboration examples

- The Innovation and Design Center
- Living Building at Nuthatch Hollow
- NextFlex Manufacturing Innovation Institute



The Innovation and Design Center

- Collaboration between SOM, Watson, fine arts, information technology services, facilities and external partners
- Teaching and experiencing the art and science of innovation and design to execute ideas to solve today's problems
- From how we build communities, to how we teach, to how we run organizations, to how we make products and how we use technology
- Our students have some of the most innovative minds in the world



The Living Building at Nuthatch Hollow

- Collaboration of Division of Operations and the Smart Energy and Sustainable Communities TAEs, with faculty, staff, students and external partners
- Ultra-green facility for teaching and research
 - Certified through Living Building Challenge
- Nuthatch Hollow property on west side of Bunn Hill Road; gift of the Schumann family
- To be completed by 2019

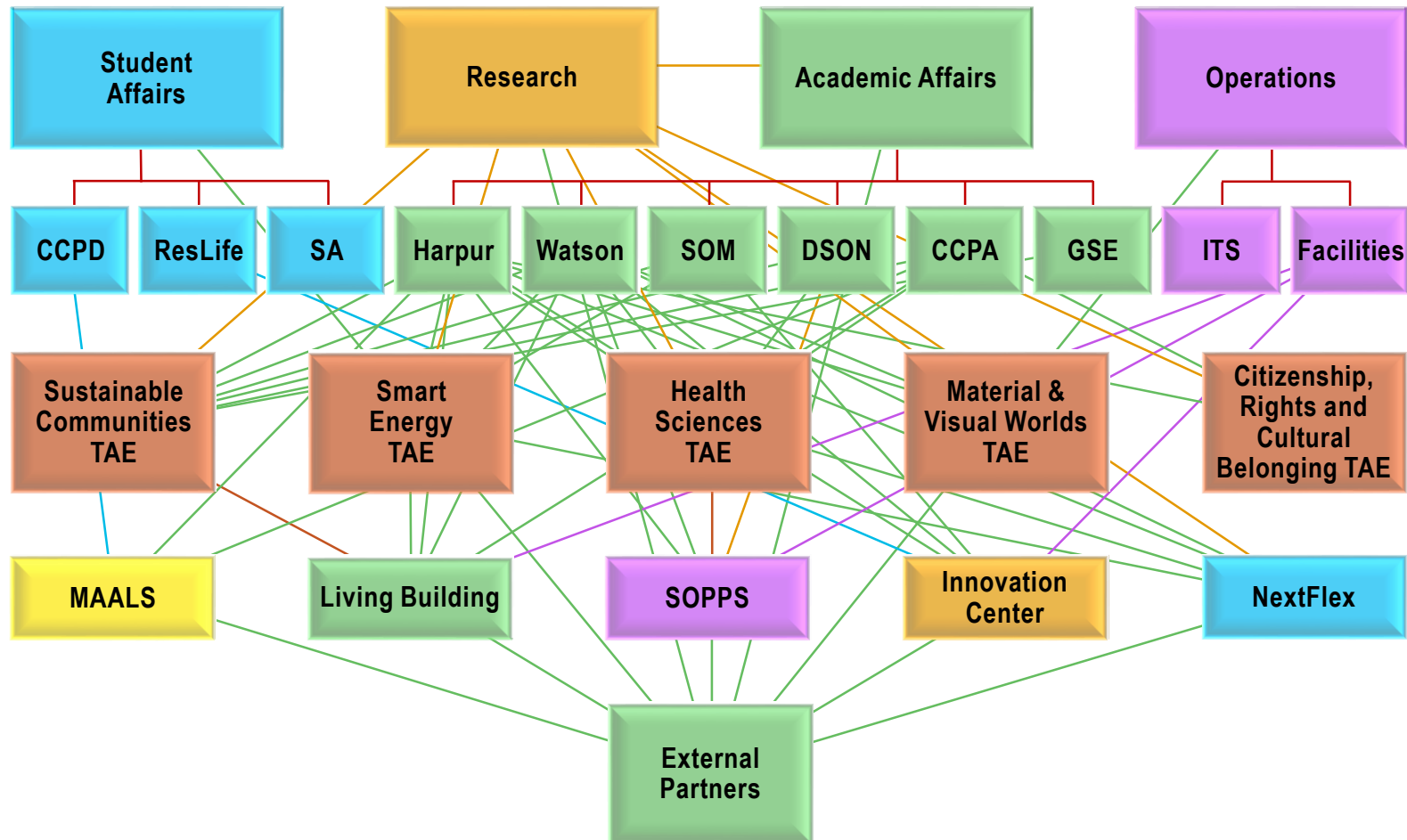


NextFlex Manufacturing Innovation Institute

- Partners include Cornell, Corning, General Electric, i3 Electronics and Lockheed Martin
- 2015 award to lead the NY Node of this new national institute
- Inventing and developing new flexible electronics products
- Facility at the Center for Advanced Microelectronics Manufacturing (CMM) in Endicott



A collaborative University





Road Map Renewal

The next five years

The Road Map Renewal

- Another road trip
 - New and old members
 - New ideas aligned with current environment and emphasizing collaboration
- Timeline
 - Recruiting volunteers starting this week: binghamton.edu/roadmaprenewal
 - Teams formed and launched by December
 - Final reporting by April
- Outcomes – What new things do we want to do? What things are we doing now that we want to do better? How can we make that happen?
- Projects recommended from this process will use 2018–19 Road Map funding for implementation
- Will provide important feedback as we design our next campaign

Our successes are getting noticed

“Binghamton is an institution making extraordinary progress. . . . All members of the campus community are to be commended for this relentless pursuit of excellence.”

Middle States Accreditation Periodic Review Report, 2016

“The region is making serious efforts to boost economic growth, with Binghamton University playing a key role in fostering local business activity. . . . There's a strong university there that's starting to make a difference.”

New York Federal Reserve President William Dudley



10. Binghamton University



Thank you!

- Tell me what you think – hstenger@binghamton.edu
- Volunteer for the renewal

Have a great year!

