



CAPITOLS *and* COMMUNITIES



NEWS FROM THE OFFICE OF GOVERNMENT AND COMMUNITY RELATIONS

Engineering New York State's Workforce of Tomorrow: *New Engineering Buildings Proposed for Stony Brook University and University at Buffalo*

2.5X 
FASTER

The rate at which STEM careers are growing in NYS compared to other fields.

(Division of Research and Statistics, NYS Department of Labor, 2014)

Enrollment in the College of Engineering and Applied Sciences is booming with significant increases in the number of students majoring in engineering and computer science [straining resources at Stony Brook University](#). Together Stony Brook University and the University of Buffalo award over 20% of the engineering degrees granted in New York State. Over the past five years with rates of 62% and 49% respectively, **SBU and UB engineering programs have grown far faster than the national average of 37%**.

Vast numbers of new engineers and applied scientists will be required to invent, produce and oversee our technology-driven future. While we simply need more engineers and applied scientists to enable the US to remain competitive in a global STEM driven economy, we also need a new paradigm for how we educate these

students.

The proposed new engineering buildings at Stony Brook University and the University at Buffalo will support the already significant growth in these programs while providing modern space for experiential learning, industrial quality labs, and an entrepreneurial maker space. This will enhance the focus on engineering driven medicine, energy systems for sustainability, resilient cities and ecosystems, cyber security and AI driven discovery.

[Learn more about the proposal](#)

[Up in Albany](#)
[On the Hill](#)
[In Our Community](#)

In the Spotlight

Focus on Economic Mobility: *President Stanley says students, families and college counselors need to consider the future -- and not arbitrary rankings -- when evaluating colleges.*

"Each year, with college on their minds, high school students and their families begin to pore over

websites, guidebooks and media surveys that aim to list their options in order of desirability. These rankings are based on several criteria, including subjective opinion. Readers are left to weigh this information against their own priorities, making a decision that suits their unique path.

As institutions of higher learning, we too must take note of these reports and weigh them appropriately with our own objectives. But the only way we can remain true to our purpose and achieve the goals we know to be paramount is if we manage in accordance with our mission and not arbitrary rankings." - President Samuel L. Stanley Jr., MD

[Read the full story](#)



At Stony Brook University, a committed campus community, led by President Samuel L. Stanley Jr. (front), is helping economically disadvantaged students move up the socioeconomic ladder.

Up in Albany

President Stanley Hosts Annual Legislative Breakfast

Elected officials and their representatives from throughout Suffolk and Nassau Counties were on campus for President Stanley's Annual Legislative Breakfast and were briefed on the University's federal and state legislative priorities as well as work in the community on housing and traffic safety.



President Stanley (center) with (l-r) Jennifer Martin representing Councilwoman Cartright, Ben Monachino representing Congressman Zeldin, Senator John Brooks, Assemblyman Andrew Raia, Assm. Steve Englebright, Assm. Fred Thiele, Sen. Ken LaValle, Senate Majority Leader John Flanagan, Lisa Santeramo representing Governor Cuomo, Legislator Sarah Anker, Madgalonie Campbell representing Sen. Gillibrand, Sen. Phil Boyle and Assm. Mike Fitzpatrick.

State Priorities include:

- Receiving funding to cover contractual salary increases
- Receiving reimbursement through the DSH program to support medical care given to Medicaid and uninsured patients
- Receiving funding for the construction of a new Engineering building to help meet the growing demand for Engineering degrees
- Receiving a reasonable amount of capital dollars to enable Stony Brook to perform the critical maintenance that its aging infrastructure needs
- Receiving modest support for Stony Brook Cancer Center's application to become a National Cancer Institute
- Opposing legislation that would increase costs and lead time on procurement or add duplicative regulation to affiliated entities

SBU Federal priorities include a legislative solution for DACA students and increased investments in student financial aid and scientific research.

President Attends Opening Day of Session and Governor's State of the State Address

President Stanley attended key legislative receptions and met with [Senate Majority Leader John Flanagan](#), [Senator Ken LaValle](#), [Assemblyman Fred Thiele](#) and Dan Fuller, Assistant Secretary for Education while in Albany for Governor Cuomo's Annual [State of the State Address](#) on the opening day of the 2018 Legislative Session.

Governor Cuomo noted that federal policies will have a significant impact on the state budget and that he will be looking to institute creative solutions to this problem.



President Stanley greets Assembly Speaker and Stony Brook alum, Carl Heastie.

On the Hill

Dean of School of Pharmacy Heads to the Hill



Dr. L. Douglas Ried, Dean of Stony Brook University's School of Pharmacy, meets with Congressman Zeldin in Washington, DC

Dr. [L. Douglas Ried](#), Dean of Stony Brook University's [School of Pharmacy and Pharmaceutical Sciences \(SPPS\)](#), recently visited Washington, DC, to advocate for the School's federal legislative priorities. Dean Ried met with [Congressman Lee Zeldin](#) and the health policy staff of Leader Chuck Schumer, Senator Kirsten Gillibrand, Congresswoman Kathleen Rice, Congressman Peter King and Congressman Tom Suozzi.

Legislative priorities discussed included the [Pharmacy and Medically Underserved Areas Enhancement Act](#), which would enable Medicare beneficiaries access to pharmacist-provided services under Medicare Part B by amending the Social Security Act.

[Read the full story](#)

Stony Brook's "Communicating Science" Highlighted at Association of American Universities' Annual Strategic Planning Conference

[Judy Greiman](#), Chief Deputy to the President and Senior Vice President of Government and Community Relations, and [Laura Lindenfeld](#), Director of the [Alda Center for Communicating Science](#), provided a presentation on *Communicating Science to Policy Makers* at the [Association of American Universities](#) (AAU) Council on Federal Relations Annual Strategic Planning Conference in Scottsdale, Arizona, on January 8. Greiman and Lindenfeld also presented at the 2017 Higher Education Government



The *Communicating Science to Policy Makers* presentation provides an introduction to strategies for government relations professionals and faculty on their campuses to engage more effectively with elected officials and their staff.

Army Scientists Shed Light on New Low-cost Material for Seeing in the Dark

Scientists at the [U.S. Army Research Laboratory](#) and Stony Brook University have developed a new synthesis process for low-cost fabrication of a material previously discounted in literature for high-sensitivity infrared cameras, opening new possibilities for future Army night-time operations.

[Read the full story](#)

Surprising Discovery Could Lead to Better Batteries



Ester Takeuchi, Stony Brook Distinguished Professor

A collaboration led by scientists at the U.S. Department of Energy's (DOE) [Brookhaven National Laboratory](#) has observed an unexpected phenomenon in lithium-ion batteries—the most common type of battery used to power cell phones and electric cars. As a model battery generated electric current, the scientists witnessed the concentration of lithium inside individual nanoparticles reverse at a certain point, instead of constantly increasing. This discovery, which was published on January 12 in the journal *Science Advances*, is a major step toward improving the battery life of consumer electronics. The research is being led by [Ester Takeuchi](#), a SUNY distinguished professor at Stony Brook University and a chief scientist in the Energy Sciences Directorate at Brookhaven Lab.

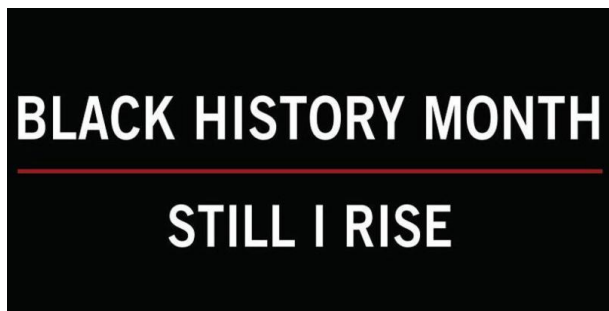
[Read the full story](#)

In Our Community

Stony Brook University Hosts Black History Month

Throughout February, Stony Brook University hosts Black History Month, an annual tradition that celebrates the African American experience. There are educational, social, and cultural programs reflecting the theme, Sankofa! Still I Rise held on the Stony Brook campus.

[Read more](#)



"Kitten Scanner" Turns CAT Scans into Child's Play



Child Life Specialist Courtney Jae Giordano shows six-year-old patient, Jennie Salvia, the kitten scanner.

Going inside a large medical scanner can be scary, especially when you're a child. But what if children could perform a pretend scan themselves to learn what will happen beforehand? The Kitten Scanner, the newest addition to [Stony Brook Children's Hospital](#), is a miniature play-version of a computer-aided tomography (CAT) scanner, designed to help ease the anxiety CAT and magnetic resonance imaging (MRI) scans can cause. This special scanner is one of only three in the entire Northeast.

[Read more](#)

Five Years on, Stony Brook Food Pantry

Nourishes and Sustains

With food pantries now proposed as a requirement on all state- and city-run campuses, Stony Brook University's food pantry heads proudly into its fifth year of feeding students struggling to balance the cost of an education and the need to eat. And it's students and the community at Stony Brook who make it all happen.

[Read the full story](#)



A student volunteer stocks shelves at the Stony Brook University Food Pantry.

Grant Boosts Researchers' Efforts to Stop Drowsy Driving



Drowsy driving is a threat to safety.

Suffolk County reportedly has recorded the most car accidents caused by sleepy drivers in the state; Stony Brook University researchers are on a mission to help turn that around.

The School of Health Technology & Management (SHTM) was recently awarded a General Highway Safety Grant to conduct research to put together insights, methods of prevention and a program to combat drowsy driving among college students.

[Read the full story](#)

Upcoming Events

Wednesday, January 31, 2018

[Black History Month Opening Ceremony](#)

Monday, February 5, 2018

[Women's Basketball vs. Binghamton](#)

Friday, February 9, 2018

[Darwin Day Lecture: What Darwin Didn't Know](#)

Saturday, February 10, 2018

[Met Opera - Live in HD - L'Elisir D'Amore](#)

Saturday, February 24, 2017

[Stony Brook Symphony Orchestra](#)

[Full Stony Brook events calendar](#)

**Contact Information:
Office of Government and Community Relations**

(631) 632-6302
governmentrelations@stonybrook.edu



**Stony Brook
University**

**FAR
BEYOND**

Stony Brook University/SUNY is an affirmative action, equal opportunity educator and employer. 15120899

STAY CONNECTED:

Follow us on **twitter**

SBU Community Relations

Follow us on **twitter**

SBU Government Relations

[SUBSCRIBE TO NEWSLETTER](#)