



CAPITOLS *and* COMMUNITIES



NEWS FROM THE OFFICE OF GOVERNMENT AND COMMUNITY RELATIONS

Lieutenant Governor Hochul Announces \$79 Million in Energy Efficient Upgrades at Stony Brook



Left to right: Valerie Cartright, Brookhaven Town Councilwoman; Suzanne Brienza, director of customer experience and utility marketing, PSEG; Sarah Salati, NYPA EVP and chief commercial officer; Lieutenant Governor Kathy Hochul; Stony Brook Interim President Michael Bernstein; Tod Laursen, SUNY Senior Vice Chancellor and Provost.

Lieutenant Governor Kathy Hochul was welcomed to Stony Brook University by Interim President Michael Bernstein for an event announcing \$79 million in comprehensive energy efficiency improvements at Stony Brook University, a key part of Reforming the Energy Vision, Governor Andrew M. Cuomo's strategy to lead on climate change and grow New York's economy.

When complete, the energy-saving upgrades will reduce greenhouse gas emissions by 28,000 tons a year—the equivalent of taking nearly 5,400 cars off the road—in addition to saving the university nearly \$6 million in energy and maintenance costs annually.

"As the largest single site employer on Long Island, with an economic

impact of more than \$7 billion, Stony Brook University must remain committed to reducing our carbon footprint," Interim President Bernstein said.

"Our actions have substantial impact, and our efficiency improvements are integral not only to our institution, but to all of Long Island," Bernstein said.

[Read the full story](#)

[Up In Albany](#)
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Up in Albany

Ribbon Cutting for Stony Brook Eastern Long Island Hospital

Dr. Michael Bernstein, Interim
President of Stony Brook University



Dr. Michael Bernstein and Board Chairman Thomas Murray are joined by SBELIH leadership and local elected officials.

devoting many years to seeing the partnership formed.

"Today is the culmination of a collective vision that began 20 years ago," Senator LaValle said. "That shared dream of increasing accessible, quality, affordable healthcare across the East End today becomes a reality with the addition of Eastern Long Island Hospital into the Stony Brook Medicine healthcare system. Now, residents will have greater access to specialists, clinical trials and advanced technology, all combined with the convenience and personalized care of a community-based hospital. I commend everyone involved for all of their hard work in successfully making this healthcare network a success."

Marine Science Summer Workshop for NYS Master Teachers



The School of Marine and Atmospheric Sciences engaged some of New York's best STEM teachers through a four-day immersive summer workshop sponsored by the Shinnecock Bay Restoration Program (ShiRP). The workshop was held at Stony Brook Southampton Marine Science Lab where the teachers interacted with various ShiRP scientists and experts throughout the week.

The workshop is an idea of SoMAS staff member Christine Santora and combines two successful state programs developed by Governor Andrew Cuomo - the NYS Master Teacher Program (NYSMTP) and the Long Island Shellfish Program, (LISP). NYSMTP is based at nine SUNY

campuses, including Stony Brook University, and consists of the state's highest-performing K-12 STEM teachers. ShiRP is an effort created by SoMAS scientists to restore the bay's degraded water quality through the replenishment of shellfish and eelgrass, and helped inspire Governor Cuomo's statewide investment in shellfish restoration. During the workshop, teachers explored the Shinnecock Bay ecosystem, conducted surveys, sampled fisheries, measured water quality and observed eelgrass beds and oyster reefs.

A primary goal of this workshop was to enable these Master Teachers to become more knowledgeable in the marine sciences and develop teaching tools for colleagues and students in their home school districts. Marine Sciences is mostly underrepresented in K-12 curricula throughout the state.

On the Hill

Grant and Gift Totaling More than \$11M Will Accelerate High-Performance Computing at IACS

A \$6.3 million anonymous donation and a \$5 million NSF grant promise to accelerate cutting-edge research in the field of high-performance computing at Stony Brook's Institute for Advanced Computational Science (IACS).

IACS has received a \$6.3 million anonymous donation to advance data-driven research that will improve understanding of some of the world's most pressing challenges, including climate change,



Research by Jason Trelewicz, PhD, associate professor of Materials Science and Engineering, seeks to develop materials for next generation nuclear technologies, which are safer and more economical sources of nuclear power.

machine learning and next generation nuclear energy, among others. Meanwhile, a \$5 million grant from the National Science Foundation (NSF) to IACS will enable researchers nationwide to test future supercomputing technologies and advance computational and data-driven research.

[Read the full story](#)

Transforming Advanced Nanoscience Data into Interactive Art

Stony Brook's Margaret Schedel, in collaboration with Brookhaven Lab Center for Functional Nanomaterials scientist Kevin Yager and Brooklyn-based multimedia artist Melissa Clarke, has generated novel representations of experimental nanoscience data through 3-D printing, sound, and

virtual reality.

"We have some exquisite methods for reconstructing three-dimensional (3-D) structures at the nanoscale," said physical chemist Kevin Yager, leader of the Electronic Nanomaterials Group at the Center for Functional Nanomaterials (CFN)-a U.S. Department of Energy (DOE) Office of Science User Facility at Brookhaven National Laboratory. "But even if you've measured the structure perfectly, you haven't learned anything until you understand how the components are organized. New visualization and sonification methods can really help provide this understanding."

[Read the full story](#)



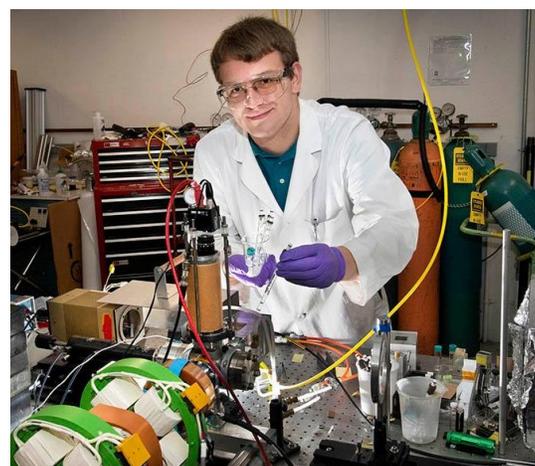
Left to right: SBU Professor of Computer Music Margaret Schedel, Multimedia artist Melissa Clarke, and CFN physicist Kevin Yager.

Christopher Hayes '19 Researches Solar Energy at Brookhaven National Lab

Chemistry was the subject in school that Christopher Hayes enjoyed the most. However, the Long Island native entered Stony Brook University unsure of his course of study. This past spring, he graduated with degrees in chemistry and computer science. Both are coming in handy for his summer internship in the Chemistry Division at the U.S. Department of Energy's (DOE) Brookhaven National Laboratory (BNL) through DOE's Science Undergraduate Laboratory Internships (SULI) program.

For his summer internship, Hayes is studying conductive organic polymers, which are long-chain molecules that can transport electrons-ideally to flow out of a solar cell to produce electricity.

[Read the full story](#)



2019 summer intern Christopher Hayes '19 in Brookhaven Lab's Chemistry Division

In Our Community

Summer WISE Program Gives Girls Hands-On STEM Experience

The Women in Science and Engineering (WISE) Honors Program teamed up with the Department of Electrical and Computer Engineering (ECE) and iCREATE-Division of Information Technology to hold the Summer WISE program,

which brought Long Island middle school girls to Stony Brook University to find their inner engineer and take part in a STEM program they will remember for years to come. This outreach initiative focused on providing the young women with exciting application-based and hands-on engineering experiences to help grow their confidence and engineering skill sets.

[Read the full story](#)

Volunteer Baby Cuddlers Help Infants Thrive

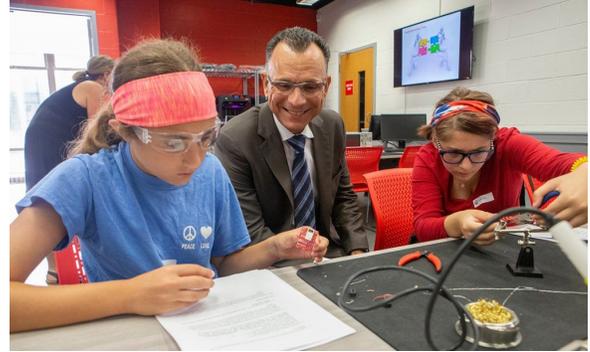


Cuddler Program Volunteer Jodi Abbinanti with patient in NICU

Stony Brook Children's Hospital's Baby Cuddlers are trained volunteers who visit babies while they're under care. During their three- to four-hour shifts, the volunteers rock the babies, sing lullabies and provide that all-important human touch - providing the emotional and social healing these fragile infants need.

"You see their heart rates go down. Studies show it helps them mature faster, and the length of stay is shorter," said Nurse Jessie Jellen. That means the children can go home to their families sooner.

[Read the full story](#)



CEAS Dean Fotis Sotiropoulos assists the Design & Build students with their integrated circuits.

Stony Brook Makes Money's Top 50 Best Value Colleges

Stony Brook University placed #47 in Money's [Best Colleges for Your Money 2019](#), which weighed more than 19,000 data points - including tuition fees, family borrowing and career earnings - to rank over 700 four-year colleges and universities that successfully combine quality and affordability.

[Read the full story](#)

Kiana Lom '21 Writes - Illustrates - a Novel

Not everything goes according to plan, or so Kiana Lom '21 found out.

Born in Oceanside, New York, but raised in Costa Rica, Kiana dropped out of school in ninth grade. But she always had an interest in art and expressed herself at a young age by drawing crude comics. She would pore through her engineer father's sketches, seeking to emulate his skill but not the "rigid lines" and "technical looking graphics."

As an adult, after returning to New York, she worked in finance and property management but admits she stopped all of her creative pursuits once she had a job. Kiana married young and gave birth to a son who exhibited autistic tendencies and until he was three her creativity was virtually on hold again. She was forced to stop working to deal with his symptoms head on. Her marriage did not last.

[Read the full story](#)



Kiana Lom with son Luca and art mentor Lorena Salcedo-Watson

Upcoming Events

[Men's Soccer vs Penn State](#)

Go Seawolves!

Monday, September 2, 2019

[Women's Soccer vs St. John's](#)

Go Seawolves!

Thursday, September 5, 2019

[Food Lab Conference at Stony Brook Southampton](#)

Featuring Celebrity Chef Lidia Bastianich

Friday, September 13, 2019

[Seawolves Football vs Wagner](#)

Go Seawolves!

Saturday, September 14, 2019

[The Robert D. Cess Concorso d'Eleganza XIV: Celebration of Italian Automotive Excellence](#)

A beautiful display of art forms on wheels as a means of illustrating one form of Italian culture.

Sunday, September 15, 2019

[CommUniversity Day 2019](#)

Explore hands-on activities while you learn about Stony Brook University and Hospital. Free for all.

Saturday, September 21, 2019

[Hamlet - London's National Theater with Benedict Cumberbatch](#)

Broadcast Live in HD on the Staller Center's Main Stage Screen

Saturday, September 21, 2019

[Storm Large](#)

Catch the zany, edgy and unbridled style of Storm Large. Back by popular demand!

Saturday, September 28, 2019

Contact Information:
Office of Government and Community Relations

(631) 632-6302
governmentrelations@stonybrook.edu

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