

MEMORANDUM

TO: Stony Brook Senate

FROM: Samuel L. Stanley Jr., M.D.
President

DATE: November 2, 2015

SUBJECT: President's Report

I. STONY BROOK RESEARCHERS RECEIVE \$1 MILLION DOE GRANT TO ADVANCE ENGINE TECHNOLOGY

A Stony Brook University-led research team has received a \$1 million grant from the Department of Energy (DOE) to conduct research on Reactivity Controlled Compression Ignition (RCCI), an emerging combustion technology which has the potential to simultaneously reduce fuel consumption and emissions. Research will focus on utilizing onboard fuel reformation to eliminate the need for two different fuels to enable RCCI. The DOE grant is one of eight awarded to research teams around the country that are investigating advanced vehicle technologies. According to the DOE, the funding goes toward projects that, “pursue breakthrough approaches to providing Americans with greater freedom of mobility and energy security, while lowering costs and reducing environmental impacts.” The research team includes: Principal Investigator **Benjamin Lawler**, Assistant Professor in the Department of Mechanical Engineering; Co-Principal Investigator **Sotirios Mamalis**, Assistant Professor in the Department of Mechanical Engineering; Co-Principal Investigator **Dennis Assanis**, Professor of Mechanical Engineering, and Provost and Senior VP of Academic Affairs; **Marco Castaldi** of the City College of New York; and **Dean Modroukas** of Innoveering, LLC.

II. NSF CYBERSECURITY GRANTS

Five Stony Brook researchers have received research grants through the National Science Foundation Secure and Trustworthy Cyberspace (SaTC) program. The NSF announced the winners on October 8 in recognition of Cybersecurity Awareness Month. Overall, the Foundation awarded \$74.5 million in grants to fund new projects aimed at enhancing security practices and technologies, bolstering education and training in cybersecurity, and establishing a science of cybersecurity. Stony Brook University is among the largest recipients of awards from the SaTC program this year. Stony Brook's recipients are:

- **Donald Porter** and **Radu Sion**, who have received \$499,999 to investigate and implement plausibly deniable encryption using the underlying electrical properties of flash memory.

- **Nick Nikiforakis** and **Long Lu**, who have received \$499,204 to conduct a systematic study of techniques and technologies that are used for tracking web users, starting with new variations of traditional tracking methods and proceeding to advanced and stealthy users and device fingerprinting.
- **Phillipa Gill**, who received \$76,778 towards building a science of censorship resistance through modeling censorship activities ranging from blocked search results to interference with international network traffic.
- **Long Lu**, who received \$399,595 in funding for his MALDIVES project, aimed at developing a new generation of technologies to provide deeper insights into how malware distribution systems are deployed, operated, and interlinked with open web sources.

III. FUNDRAISING UPDATE

Together We Go Far Beyond, Stony Brook University's public phase campaign, will officially launch this November. To date, more than 30,000 friends, alumni, foundations and corporations have already committed more than \$400 million in new gifts and pledges. This fiscal year we aspire to secure an additional \$70 million in new gifts and pledges designated to support the work of our faculty and students.

In preparation for the public launch, Advancement has been working with Deans and other leaders across campus to develop unit priorities that are consistent with the University's strategic plan, which include: increasing student financial support, bolstering our research productivity, growing the number of endowed faculty, advancing medical research and clinical care, and providing current use and flexible dollars to invest in the areas of greatest need on our campus. More information will become available on the campaign website (stonybrook.edu/campaign), which will launch on November 21.

IV. ALUMNI RELATED UPDATES

Four New Alumni Association Board Members Appointed

Stony Brook University Alumni Association President **Robert W. Stafford** '72, '82, recently announced the appointment of four new members to the Alumni Association Board of Directors. The following new board members have been appointed to three-year terms:

- **Morgan Cato** '04, '05, Senior Manager, Early Career Development, Human Resources, National Basketball Association (NBA). Cato earned her BS in Business Management and Master's in Human Resources Management from Stony Brook. She has worked for various Fortune 500 companies over her 10 years of human resources experience, and she is a longtime chapter leader of the Black and Latino Alumni Network.
- **Robert Cuccaro** '96, Owner of IntegraRisk Corp, NY, and Financial Advisor for Omnio Financial LLC. Cuccaro earned a BA in English from Stony Brook's College of Arts and Sciences. Since graduating, he has had a diverse career in industries ranging from his family veterinary business to software sales, mortgage lending and ultimately owning his own business.

- **Hilda DeJesus** '07, Clinical Forensic Specialist at Safe Horizon Queens Child Advocacy Center. DeJesus earned a BA from Stony Brook in both Psychology and Hispanic Language and Literature with a minor in Psychology, and is the first in her family to graduate from college. She has years of experience promoting Stony Brook through outreach at work, career panels and among family, and she actively participates in NYC Alumni Association chapter events.
- **Keith Kowalsky** '86, '88, President and Owner of Flame-Spray Industries, Inc.. Kowalsky earned a BE in Mechanical Engineering and MS in Materials Engineering from Stony Brook. In 2009, he was named National Inventor of the Year and was honored with a 2011 Stony Brook University Alumni Association Distinguished Alumni Award. He holds more than 18 US and foreign patents and has written more than 30 publications. He credits his days at Stony Brook with setting him up for personal and professional success.

Dubin Family Pledges \$5 Million Matching Gift Towards New Indoor Athletic Training Center

Glenn Dubin '78, '12 and his wife **Eva Dubin** have pledged \$5 million in the form of a 1:1 matching challenge grant. This pledge sets the stage for the Stony Brook Foundation and Stony Brook Athletics to complete a \$10 million fundraising goal to build a new Indoor Training Center through Together We Transform, a five-year comprehensive plan launched by Stony Brook Athletics in June. All gifts received between July 1, 2015 and June 30, 2016, restricted for the Indoor Training Center Fund, will be counted toward the goal. The new state-of-the-art multi-use indoor practice facility and complex would feature a 100-yard indoor multi-purpose synthetic turf practice field, as well as innovative lighting, filming equipment, sound and video systems, and a 90-foot ceiling clearance height.

NYS Assembly Speaker and Cold Spring Harbor Executive Awarded SBU Alumni Award

New York State Assembly Speaker **Carl Heastie** and Cold Spring Harbor Laboratory General Counsel **Charles S. Ryan**, both graduates of the Class of 1990, were recognized as Stony Brook University Distinguished Alumni during the sold-out Homecoming football game on October 17. Speaker Heastie and Charles Ryan truly exemplify Stony Brook's finest.

Elected to office in 2000, Heastie became New York's first African American Assembly Speaker in February 2015. As a representative of the 83rd District in the Bronx, Heastie was the prime sponsor of the Wage Theft Prevention Act, which enacted harsher penalties for employers that steal wages from employees. Most recently, he served as the Chairman of the Assembly Labor Committee. Prior to joining the State Assembly, Heastie was a budget analyst in the New York City Comptroller's Office, where he used skills he honed while earning his BS in Applied Mathematics and Statistics from Stony Brook and his MBA in Finance from Baruch College.

Ryan received his PhD in Oral Biology and Pathology from Stony Brook and has an extensive background in the pharmaceutical and biotechnology industries. He is currently Vice President and General Counsel at Cold Spring Harbor Laboratory, a preeminent molecular biology and genetics research institution where 60 Stony Brook students are currently doing research. In the 12 years prior, he was a Senior Vice President and Chief Intellectual Property Counsel for Forest Laboratories, Inc. Ryan received his undergraduate degree from The College of Wooster and his JD from Western New England University.

V. FACULTY ACCOLADES

Distinguished Professor Inducted Into American Society of Rickettsiology

Jorge Benach, PhD, Director of Stony Brook's Center for Infectious Diseases and Chair of the Department of Molecular Genetics and Microbiology, was inducted into the American Society of Rickettsiology (ASR) as an Honorary Lifetime Member. Established in 1979 with an international membership of around 400 of the most world-renowned microbiological experts, the ASR serves as an intellectual organization dedicated to the exchange of relevant information among scientists who are engaged in research concerning Rickettsiae and Rickettsial diseases. Dr. Benach has been a researcher and educator at Stony Brook University for over 30 years.

Eric Haralson Awarded Grant for “Global Citizenship” Project

Eric Haralson, Associate Professor of English, received a grant from the Empowerment Charitable Trust to oversee a three-year project, “Global Citizenship and World Literature,” which will feature a guest-lecture series, development of model courses and teaching materials, student-organized global-activism events, and an interdisciplinary faculty/student advisory group. The project has a budget of \$700,000. The goal of the Global Citizenship project is to help Stony Brook's talented, intellectually curious students become more aware of the dynamic globalized world we inhabit in order to apply what they learn to urgent global-change efforts. The Empowerment Charitable Trust is a globally active donor organization with projects in Asia, Africa, Australia, and at several U.S. universities. It has special interest in supporting initiatives in social justice, micro enterprise, hunger eradication and children's well-being.

College of Business Faculty Receive Honors

Jiyin Cao, Assistant Professor in the Department of Management, received the prestigious and highly competitive Student Publication Award from the Society for Personality and Social Psychology. She will be recognized at the organization's annual meeting in San Diego in January 2016. Cao received her PhD from the Kellogg School of Management at Northwestern University. Her research sits at the intersection of decision-making, social network and culture.

Paul Connell, Assistant Professor in the Department of Marketing, received the Ferber Award Honorable Mention for his dissertation article at the Annual Association for Consumer Research Conference. This award recognizes the best Journal of Consumer Research article based on a doctoral dissertation in the most recent year. Connell received his MBA from Seattle University and his PhD from the University of Arizona. His research interests include developmental consumer psychology, relationships and non-conscious influences on consumer behavior.

VI. PRESIDENT'S COUNCIL OF STUDENT ADVISORS (COSA)

Over the spring, I announced that I was forming the President's Council of Student Advisors (COSA) for the start of the 2015-16 academic year. I am grateful to the faculty and staff from across East and West Campus who took the time to nominate many fantastic students, and am pleased to report that the initial COSA has been formed. Made up of 12 outstanding undergraduate students in their junior and senior years, the COSA serves in an advisory capacity and offers thoughtful, evidence-based insights on various institutional challenges. The COSA will look to engage

members of the campus community over the course of the academic year and will explore Stony Brook's course availability, degree progress and graduation rates.

VII. TOBACCO-FREE UPDATE

Last month you should have received my announcement that Stony Brook will become 100 percent tobacco-free as of January 1, 2016. I am pleased to report that the Tobacco-Free website has also launched and has seen great traffic. I encourage you to visit the website to learn more about this important initiative.

VIII. STONY BROOK SET TO CELEBRATE WINTER COMMENCEMENT

Stony Brook will celebrate Winter Commencement on **Thursday, December 17 in the Island Federal Credit Union Arena**. The ceremony will begin at 11:00 a.m. and confer bachelor's, master's and doctoral degrees for summer 2015 and fall 2015 graduates.

IX. RECENT EVENTS

Faculty and Staff Recognized at University Awards Dinner

Faculty and staff were honored for their accomplishments at the annual University Awards Dinner on October 6. The event recognized faculty that have earned the prestigious system-level rank of Distinguish Professor, State University of New York Chancellor's Award winners and Presidential Mini-Grant recipients. Click [here](#) for a list of University awardees.

Annual Hispanic Heritage Month Celebrated

Hispanic Heritage Month celebrated its 26th year at Stony Brook this October. The month opened with a ceremony on Wednesday, October 5 that honored **Dania Delacampa**, Director of the Health Sciences Office of Student Services and one of the founders of the Hispanic Heritage Month celebration at Stony Brook, for her accomplishments and upcoming retirement. This year's theme was "Honoring Our Heritage. Building Our Future." Events held throughout October included a new faculty colloquium and GEM GRAD Lab!: Lab Tours of Brookhaven National Laboratories.

X. UPCOMING EVENTS

Veterans Day Ceremony

This year's Veterans Day Ceremony will take place on **Wednesday, November 4 at 1:00 p.m. in the Student Activities Center (SAC), Sidney Gelber Auditorium**. The ceremony is dedicated to the students, alumni, faculty, staff and families who have served or are currently serving in the United States Armed Forces – especially those students that have postponed their education to serve in moments of need. For more information, please call the Office of Veterans Affairs at 632-4143.

Stony Brook Set to Host TEDx Event

Stony Brook will host its third TEDxSBU event in the Charles B. Wang Center Theater on **November 6**. This year's theme is "The Master Pieces" and will feature 17 speakers and performers, which include Stony Brook students, faculty, staff, and alumni. For additional information, visit: <http://tedxsbu.stonybrook.edu/>.

NPR Presents "Family Matters" Program

National Public Radio (NPR) will bring their "Family Matters" program to the Charles B. Wang Theater on **Thursday, November 12 at 7:00 p.m.** NPR describes the experience as an unconventional discussion about saving for college, home ownership, retirement and your financial lifetime. Hosted by NPR Morning Edition host **David Greene** and NPR reporter **Sonari Ginton** this interactive event connects regular people with NPR's guest hosts, who are selected from a pool of nationally recognized finance experts, for a lively, fun, educational chat about money. Touching on financial goals that span across generations – from paying for college to home ownership to retirement – attendees should walk away with new perspectives and ideas for their own financial journey. For more information and to reserve your free ticket, visit: www.nprpresents.org/event/family-matters-in-stony-brook-ny/.

XI. ATHLETICS UPDATE

Team Updates¹

- **Football** – The team suffered a heartbreaking loss to Towson at Homecoming. With an overall record of 2-4, the team is looking to finish strong with games coming up against Elon, Howard, Rhode Island, and Albany. Former Seawolves Tight End **Will Tye** (Middletown, Conn.) made history when he stepped on the field for the New York Giants on October 4. This was the first time a Stony Brook football alumnus played in a regular season game for an NFL team.
- **Men's and Women's Cross Country** – Both teams will be battling for America East Conference team titles as Stony Brook plays host to this year's conference championship on Sunday, October 31. One of the pre-race favorites is junior **Christina Melian** (Staten Island, N.Y.) after her second place finish last year. Since being hired in 2000, Head Coach **Andy Ronan** has produced 12 individual conference champions, 7 conference team titles, 4 all-Americans, 1 national champion and 1 Olympian.
- **Women's Soccer** – The team's season came to an end with a close 1-0 loss to UMBC on October 25. Stony Brook honored the contributions of its five-member senior class on this day, which included: **Tessa Devereaux** (Fayetteville, N.Y.), **Raven Edwards** (West Orange, N.J.), **Danielle Fuller** (Staten Island, N.Y.), **Emily Murrer** (Aptos, Calif.), and **Priscilla Wiggins** (Fresno, Calif.). The team finished the 2015 season with an overall record of 6-9-3 and a conference record of 3-4-1.

¹ As of October 28

- **Men's Soccer** – The team recorded its program-best victory on October 27 with a 3-0 win over No. 17 Hofstra. This was the program's first win over a ranked opponent since October 2006. The team is eager to head into its final few games of the regular season and are vying for a spot in the conference playoffs.
- **Volleyball** –The team has been on a good run after finishing the first half of conference play. The team is currently tied for 3rd place with three weeks remaining in conference play. Over the next couple of weeks, the team will face America East foes UMass Lowell, Albany, Binghamton, New Hampshire, and Hartford.
- **Men's and Women's Tennis** – Both teams wrapped up their fall seasons at the USTA/ITA Regionals at Yale in mid-October. The men's team will open its spring season against St. John's on February 5. The women's team will open their spring season with matches against Army West Point and Connecticut at West Point on February 5 and 6.
- **Men's and Women's Basketball** - The America East Conference recently released the preseason polls. Head Coach **Steve Pikiell** and the men's team were selected in the top spot, while Head Coach **Caroline McCombs** and the women's team were selected fourth. Both teams are preparing for their upcoming home openers at the Island Federal Credit Union Arena. The women's team will play Iona on Friday, November 13 and the men will play against the United States Merchant Marine Academy on Saturday, November 14. Senior **Jameel Warney** (Plainfield, N.J.) has been named to the preseason Karl Malone Power Forward of the Year watch list, while senior **Tre Puriefoy** (Wenonah, N.J.) was named as one of 20 finalists for the Bob Cousy Point Guard of the Year Award.