Hampton University Students Developed Analysis Software for Satellites that were Launched into Space on April 17

“Hampton University is part of a collaborative project of the Virginia Space Grant Consortium where students from four Virginia universities delivered small satellites to NanoRacks in Houston, to be integrated into a CubeSat deployer (NRCSD), which officially launched into space on April 17 from Wallops Island, Va. Four undergraduate Hampton University students worked on the project by developing software to perform analysis on the data that will be received from the satellites.

“Hampton University has always been on the forefront of innovation. The work our students are doing is being recognized and utilized by industry leaders, and we are excited to be part of this collaboration,” said Hampton University President, Dr. William R. Harvey.

The satellites will communicate data to ground stations at Virginia Tech, University of Virginia and Old Dominion University for subsequent analysis using an analytical tool that was developed by Hampton University students from the Atmospheric and Planetary Science Department.

More than 140 undergraduate students have been hard at work on the mission since June 2016 as a cross-institutional team. Undergraduate student leaders and team members from physics, electrical engineering, aerospace engineering, mechanical engineering, chemical engineering and computer science disciplines have worked together to make the mission a reality. The students have been coached by faculty advisors and have benefitted greatly from advice from NASA, industry and academic advisors, and NanoRacks, the world’s leading commercial space station company.

“I learned so much about different types of orbits, the process of agile development, the nature and effects of coefficient drag all while using a foreign API in a familiar programming language,” said Asanji Chofor, Hampton University junior and cyber security student. “Taking part in the Agile SCRUM Management Workshop where we met up with the other teams from the other universities was one of the most exciting parts of this project for me because we gained firsthand experience planning and actually constructing a CubeSat from scratch. I’m truly grateful for this experience and all that I was able to learn as a part of the CubeSat Mission.”

The Cygnus Module onboard the rocket contains three student-designed and developed small satellites making up the Virginia CubeSat Constellation mission, a collaborative project of the Virginia Space Grant Consortium and four of its member universities: ODU, VT, UVA and Hampton University. The Cygnus will deliver the satellites to the ISS for nearly simultaneous deployment by onboard astronauts so they can orbit together and function as a constellation.

“This was a great opportunity for Hampton University students to get involved in and learn about CubeSats and projects on a scale larger than what can be experienced in a classroom, so large that they must be coordinated across several different organizations,” said Dr. John McNabb, assistant professor for the Hampton University School of Science.
South Africa’s Minister Counsellor Visited the Hampton University Proton Therapy Institute on April 3

Dr. Nomonde Nolutshungu, the Minister Counsellor for the Republic of South Africa, visited the Hampton University Proton Therapy Institute (HUPTI) on Wednesday, April 3, 2019, to explore ways in which the South African embassy and HUPTI can partner to help reduce the burden of disease by offering treatments to the people of South Africa.

For many people affected by cancer, having the ability to receive the best available treatment is a matter of life and death. There are 28 proton therapy cancer treatment facilities in the United States, which makes this treatment modality a tangible reality within U.S. borders. However, many patients in rural and underserved areas around the world, primarily the continent of Africa, frequently find themselves without access to this life-saving treatment. Hampton University is poised to change that.

The main objective was to share the benefits of treating cancer by utilizing proton therapy, a millimeter precise and non-invasive form of radiation which spares healthy surrounding tissue and reduces side effects for the patient. There are no hospital stays with proton therapy, which gives the patient undergoing this treatment the best possible chance of eliminating their cancer with the least damage to their body, while also maintaining their quality of life.

This is a major step in the global mission of the Hampton University Proton Therapy Institute to ease human misery and save lives, both here and abroad.

Hampton University School of Business Officially Named James T. George School of Business for Trustee James George

The Hampton University School of Business was officially renamed the James T. George School of Business in a special naming ceremony on Thursday, April 4, 2019. The School is named after James T. George, a Hampton University alumnus and Board of Trustee member.

The ceremony included a special prayer from Reverend Dr. Debra Haggins, Hampton University’s Chaplain, followed by special remarks by Hampton University’s President, Dr. William R. Harvey.

“Let me welcome you to this very auspicious occasion. We’re naming our wonderful School of Business, and it is an honor,” said Dr. Harvey. He then introduced Mr. George’s family members and friends who took the time to attend this special ceremony, and spoke about Trustee George’s contributions to Hampton University over the years.

“The Hamptonian for whom the school is being named is a 1958 graduate of Hampton. Over the years, he has given of his time, his talent and his treasure to the University, as well as advocated for the School of Business. For those of you who are Hamptonians, it is your obligation to give back with your treasure. This is an example of that. Here is this man who spent 27 years in the military and has been a wonderful partner with us. For him to serve as a member of the Board of Trustees, and for him and his wife to give a seven-figure gift, is just wonderful,” said Dr. Harvey. “Today, we officially name and dedicate the Hampton University School of Business in honor of Trustee James T. George. On behalf of the Board of Trustees, faculty, staff and the students, Trustee George, I want you to know that your contributions, and your commitment to continuing Hampton’s legacy is legendary.”

Trustee James T. George earned a Bachelor of Science degree in Biology from Hampton University, where he was also commissioned as Second Lieutenant in the U.S. Army. George then went on to be one of the first African Americans to receive an MBA from the University of Arizona.

“Thank you for the honor of having my name associated with the Hampton University School of Business. Never in my boldest and most imaginative dreams would I have thought this would be part of my life’s story. God truly works in wonderful and mysterious ways,” said Trustee George.

Mr. George went on to speak about the role of the business school and the vision that President Dr. Harvey has for Hampton University. “Dr. Harvey insists that the university’s mission ‘Dream No Small Dreams,’ and Dean Hayes and her team have taken him seriously. Their vision includes the integration of business training with other schools like engineering and computer science, because companies and governments use interdisciplinary teams to develop and position products and services, and practical experience like this is to be applauded,” said Trustee George.

Dean of the School of Business, Dr. Ziette Hayes, said a few words about the occasion. “We are so excited that you are here to celebrate with us. We want to thank Trustee George for his dedication and support of us. We want you to know that we continue to uphold THE Standard of Excellence in business. Our values are based on the founding principles of the institution and our vision is to provide our students an exceptional business experience that prepares them in any environment.”

After the benediction from Reverend Dr. Haggins, the official name of the school was unveiled as the James T. George School of Business.
The Hampton University Child Development Center has been selected for the 2019 Best of Hampton Award in the Child Care category by the Hampton Award Program.

"Joy Hernandez and her staff continue to strive to their efforts to make the Hampton University Child Development Center the best place for Early Childhood Education. We wish them many congratulations for their recognition," said Hampton University President, Dr. William R. Harvey.

Each year, the Hampton Award Program identifies companies that believe they have achieved exceptional marketing success in their local community and business category. These are local companies that enhance the positive image of small business through service to their customers and the community. These exceptional companies help make the Hampton area a great place to live, work and play.

Various sources of information were gathered and analyzed to choose the winners in each category. The 2019 Hampton Award Program focuses on quality, not quantity. Winners are determined based on the information gathered by both the Hampton Award Program and data provided by third parties.

"I would like to thank my wonderful staff members that continue to guide children through their development and learning, making the Hampton University Child Development Center (HUCDC) an exceptional place for kids to grow," said Joy Hernandez, Director of the HUCDC. "At the HUCDC, it is our goal to help support Early Childhood Education by giving the opportunity for all children to develop and learn the foundational skills of education for future success in life."

This is the fourth year in a row that the Hampton University Child Development Center has won the Best of Hampton Award in the Child Care category.

About the Hampton Award Program: The Hampton Award Program is an annual awards program honoring the achievements and accomplishments of local businesses throughout the Hampton area. Recognition is given to those companies that have shown the ability to use their best practices and implemented programs to generate competitive advantages and long-term value.

The Hampton Award Program was established to recognize the best of local businesses in our community. Our organization works exclusively with local business owners, trade groups, professional associations and other business advertising and marketing groups. Our mission is to recognize the small business community’s contributions to the U.S. economy.
Hampton University Selected by Oculus, a Division of Facebook, for Nationwide Virtual Reality Project

Oculus selected Hampton University to participate in a national project to expose students attending HBCUs to emerging technology in the area of virtual reality (VR). Using immersive technology to showcase the rich legacy, academic programs and vibrant culture of HBCUs, Oculus hopes to demonstrate the power of these technologies and to bridge access and information gaps for students of color. Through this project, it also hopes to provide technology exposure to students. Oculus will introduce a cohort of 12 Hampton students to VR technology, coaching them in how to plan, direct, film and edit their own campus tour videos using the technology.

“This technology is immersive, and viewers of the end products of our students’ efforts will see excellent filmmaking. Viewers also will have the exciting opportunity to step onto our campus and experience what the students have elected to showcase. We are so thrilled that Oculus chose Hampton from among the nation’s top HBCUs for this project,” said B. DaVida Plummer, Dean of the Scripps Howard School of Journalism and Communications.

A special cohort of 15 students from three academic schools at Hampton – Journalism and Communications (Dean Plummer), Liberal Arts and Education (Dean Linda Malone-Colon), and Engineering and Technology (Dean Joyce Shirazi) – have been selected to participate.

Student participants include:
1. Jordan Nobles, Computer Engineering (FR)
2. Kristopher Smalls, Electrical Engineering (SO)
3. Ciera Russell, English Creative Writing Major and Film Studies Minor (JR)
4. Jordan Sharps, English Major / Film Studies Concentration (SR)
5. Kennedi Scott, Engineering (JR)
6. Christian Parrish, Journalism (JR)
7. Maxmillian Barnes, Journalism (SO)
8. Jabari Resper, Journalism (SO)
9. Brooklyn Young, Journalism (FR)
10. Morgan Ferguson, Journalism (FR)
11. Drew Miles, Journalism (FR)
12. Breeton Buchanan, Journalism (JR)
13. Autumn Smith, Journalism (JR)
14. Kari Greene, Journalism (FR)
15. Hannah McCall, Journalism (SO)

Quinton Burnett, Senior, marketing major, helped in the VR film shoot as an actor.

Oculus is eager to bring emerging technology to students of color, noted a representative working with the firm. Erika West said, “This project will teach students not only how to use the technology, highlighting best practices, but will also introduce them to career paths available to those who enjoy working in this medium. The students’ videos will showcase their technological skills and creative talents, as well as the rich legacies, strong academic programs, and distinct qualities and cultures of their HBCUs.”

The ultimate goal of the effort is to engage HBCU-connected Members of Congress and other policy stakeholders; plan and execute public facing promotion of the project; and ensure maximum benefit for participating schools and students.

Other participants include Jackson State University, Howard University, Prairie View A&M University, South Carolina State University, Xavier University of Louisiana, Lincoln University, Morehouse College, Spelman College, and NC A&T State University.

Hampton University Alumnus Opens New Pharmacy in Williamsburg, Va.

Dr. Henry Kyle Ranger, Hampton University graduate, class of 2011, has officially opened his own pharmacy in Williamsburg, Va. The grand opening was Wednesday, March 6, 2019.

The pharmacy is called The Prescription Shoppe LLC, and is located at 5223 Monticello Avenue, Ste C, Williamsburg, VA 23188. The phone number is 757-206-1630.

“I’m excited about opening this pharmacy. This is something I’ve wanted to do for years; it’s always been a dream of mine. I really feel that customer interaction is lost when you go to the big chains, but when you come here, it’s more of a one-on-one experience. Throughout my whole career, I’ve taken pride with my relationships with my customers and it’s made an impact in their lives and allowed me to be successful. When you’re a customer, you’re family, which what I truly believe,” said Dr. Ranger.

For more information, visit https://www.facebook.com/RxShoppeVA/.