## Opening Lines



## Month-long Camp Grooms Young Caribbean Scientists

anna Stephenson and Emmanuel Sylvester didn't know much about building a wind turbine, or developing and programming an underwater robot. To-Mandarin.

One month ago, 17-year-old Jamaican students Ari- That's because Arianna and Emmanuel recently took part in the 2016 Student Program for Innovation in Science and Engineering (SPISE), which ran from July 16 to August 13 at the Cave Hill Campus day, not only can they do both of these things, but of the University of the West Indies. Their participathey can also program a computer game, and speak tion was sponsored by the Caribbean Development Bank (CDB).

Now in its fifth year, the annual SPISE program put something I've never done before either and I also learned Mandarin for the first time," he said. on by the Caribbean Science Foundation, aims to groom the region's next generation of leaders in science, technology, and engineering. For one month, Stephenson noted that SPISE has further cemented students from around the Caribbean are immersed her love for science, and helped her to decide on in an intensive program of study, doing universitypossible future career prospects. "I'm certain of scilevel courses in robotics, electronics, computer proence now... it has also inspired me to do something gramming, and Mandarin, among others. in biochemistry. I've never liked biology, but when I was learning 'biochem' I realized that this is so much "We're very happy to once again support SPISE, as more interesting!" she said.

we believe that science, technology, and engineering are critical to the Caribbean's economic growth SPISE is led by Professor Cardinal Warde of MIT, and is modeled after the well-known and highly sucand development. Through this program, talented students from across the region are given the opcessful Minority Introduction to Engineering and portunity to develop their skills in a number of sci-Science (MITES) program at MIT, for which Warde ence, technology, engineering, and mathematics areas. We hope that this will in turn encourage them to pursue careers in these areas, and by doing so, contribute to economic growth and development in the Caribbean," said Yvette Lemonias-Seale, Vice President, Corporate Services and Bank Secretary, CDB.

On Friday, August 13, students got the opportunity to demonstrate to their parents, friends, and sponsors what they had learned over the four weeks. As part of their final project presentations, students showed off their newly-acquired Mandarin language has served as the faculty director for over 15 years. and dance skills, presented computer games that they had developed and programmed themselves, All post-SPISE students also have the opportunity and demoed wind turbines made out of PVC pipes, to be assisted with their college applications, and to and robots that could move underwater. participate in research internships in the Caribbean and abroad.

For Sylvester, the SPISE experience gave him the opportunity to learn new skills. "I've never done com-There were 19 participants in the 2016 program, hailputer programming before and I thought that was a ing from Jamaica, Trinidad and Tobago, Barbados, lot of fun; it wasn't as hard as I thought it would be, St. Lucia, Dominica, St. Vincent and the Grenadines, but it was a lot of fun because when they gave you Guyana, and Martinique. It is the first time that a the problem and you can get your code to work that student from the French-speaking Caribbean has was a good feeling. I also enjoyed robotics, that's participated in the program.

