Caribbean Science Foundation
CARICOM Research Building, UWI Cave Hill Campus, Barbados, West Indies
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"Grooming the next generation of Caribbean science and engineering leaders"

5 September 2024

Mr. Omari Frederick
Corporate Communications Manager
St. Lucia Electricity Services Limited (LUCELEC)
PO Box 230
Castries, St. Lucia

Dear Mr. Frederick,

The Caribbean Science Foundation would like to extend our very sincere thanks for your generous support of the 2024 Student Program for Innovation in Science and Engineering (SPISE) through the sponsorship of the SPISE 2024 LUCELEC Scholar, Marie-Thérèse St. Clair from Saint Lucia. We are very pleased to convey that to-date, the Caribbean Science Foundation has been able to serve a total of 245 SPISE graduates, including a class of 20 students this year. This achievement could not have been accomplished without your support, for which we are extremely grateful. SPISE was held in-person for 5 weeks this summer, and the students were exposed to university-level classes in calculus, physics, computer programming, electronics, biochemistry and entrepreneurship. They also benefited from career seminars by luminaries in their respective fields and received valuable guidance through workshops that focused on time management, the college application process and effective CV preparation. We are confident that the aims of the program are being realized, as SPISE graduates continue to enrol in top-tier universities in the US, Canada, the UK and the Caribbean, including MIT, Caltech, Harvard, Stanford, Princeton, Yale, Dartmouth, Columbia, Cornell, U Penn, U Toronto, McMaster University, and UWI, where they pursue degrees in a range of STEM-based subjects.

This year's class performed with tremendous enthusiasm and dedication while adapting to the challenges of the scope of the university-level curriculum. Over the 5 weeks, the students experienced both academic and personal growth, gaining increased self-confidence and improved time management and team-work skills, as well as a better sense of their career paths. The students all expressed their sincere gratitude for the opportunity to participate in this once in a lifetime, invaluable experience. They formed a strong network of friendships through working together during the evenings and weekends, lunches and tours, with plans to stay in-touch.

The SPISE 2024 LUCELEC Scholar was Marie-Thérèse St. Clair, who is attending St. Joseph's Convent Secondary School. Marie-Thérèse continues to aspire to a career in electrical and electronics engineering. She worked very hard during SPISE and notably, received 2 awards for her excellent performance: Top Performer in Physics I, and Spirit of the Class in Calculus I.

In SPISE, there are 2 levels of Physics, with level I being the less advanced level. Marie-Thérèse learned new concepts very quickly and acquired an incredible mastery of the course material. She consistently exceeded academic expectations in the work, as demonstrated by having the highest overall score based on exams, quizzes and problem sets, earning her the Top Performer Award in Physics I.

In SPISE, there are also 2 levels of Calculus, with level I being the less advanced level. Marie-Thérèse showed an infectious enthusiasm through her active participation. She generously assisted her classmates, stimulated discussion through her questions, and helped motivate others to master the material. She generally built group

morale in the course through her very positive attitude and efforts, earning her the Spirit of Class Award in Calculus I.

Our sincerest and warmest thanks again to you for supporting SPISE 2024 and in particular, for providing the opportunity for Marie-Thérèse St. Clair, the SPISE 2024 LUCELEC Scholar to participate in the program. We hope that you will remain in touch with her and stay abreast of her progress, as she navigates the next steps in her education and career. Included below are some photos of Marie-Thérèse during her participation in the 2024 SPISE Program, which we hope you will enjoy.

With best regards,

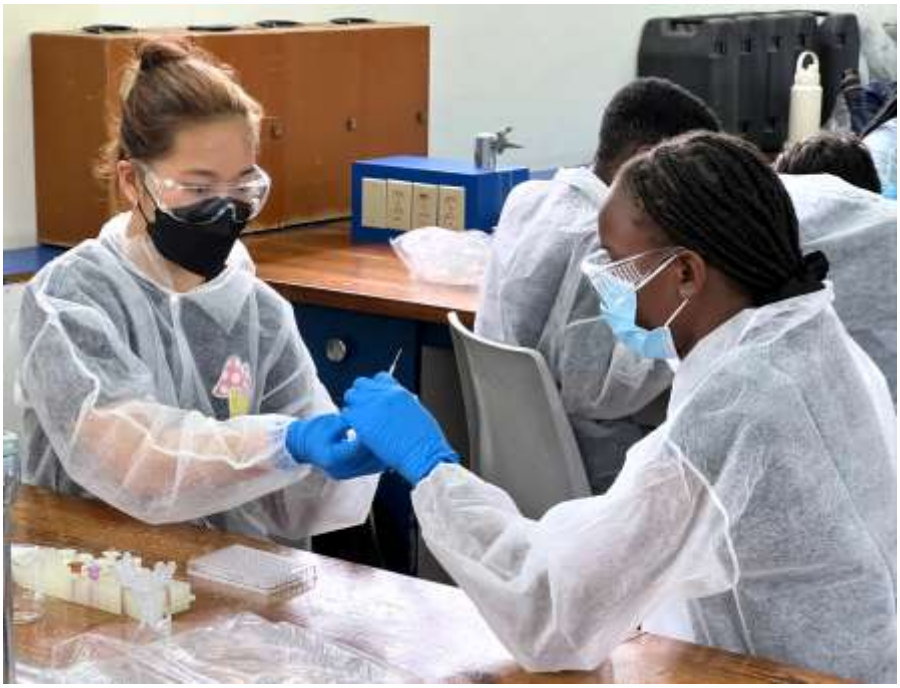
Dinah Sah

Dinah Sah, PhD
Director, Student Program for Innovation in Science and Engineering
Co-Executive Director, Caribbean Science Foundation

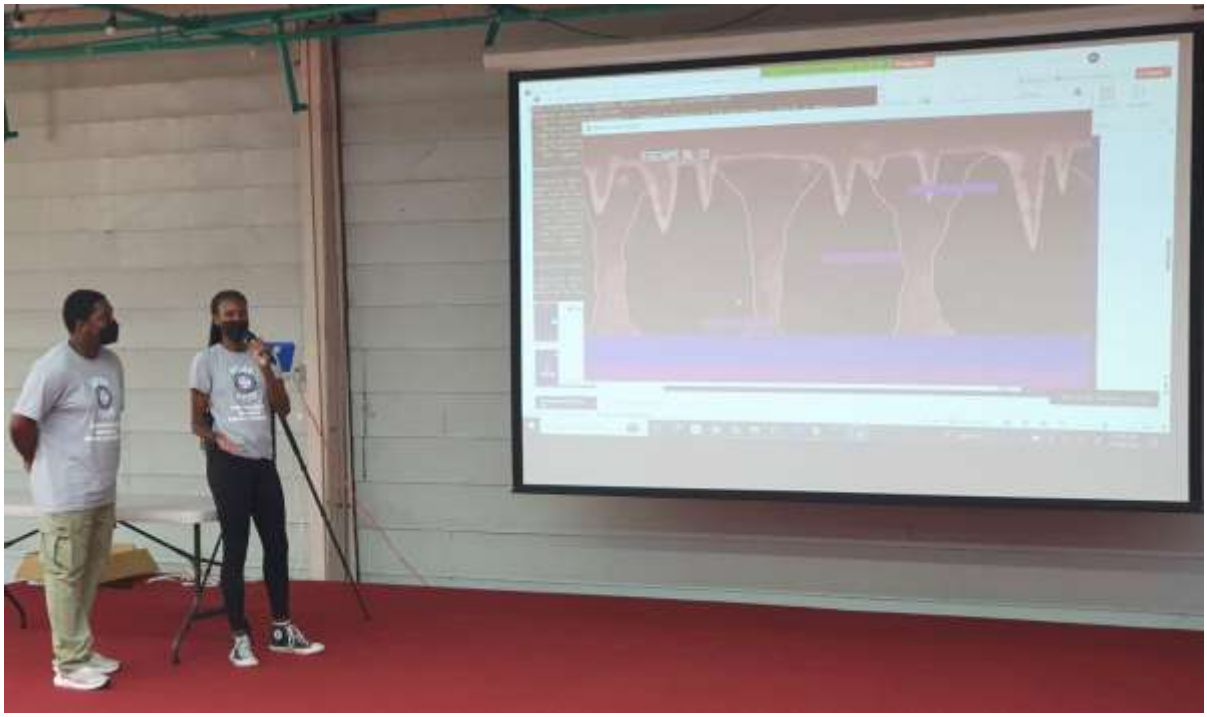
Cardinal Warde

Cardinal Warde, PhD
Interim Executive Director, Caribbean Science Foundation
Professor of Electrical Engineering, MIT

Marie-Thérèse St. Clair receiving her SPISE certificate from
Dr. Dinah Sah, Director of SPISE

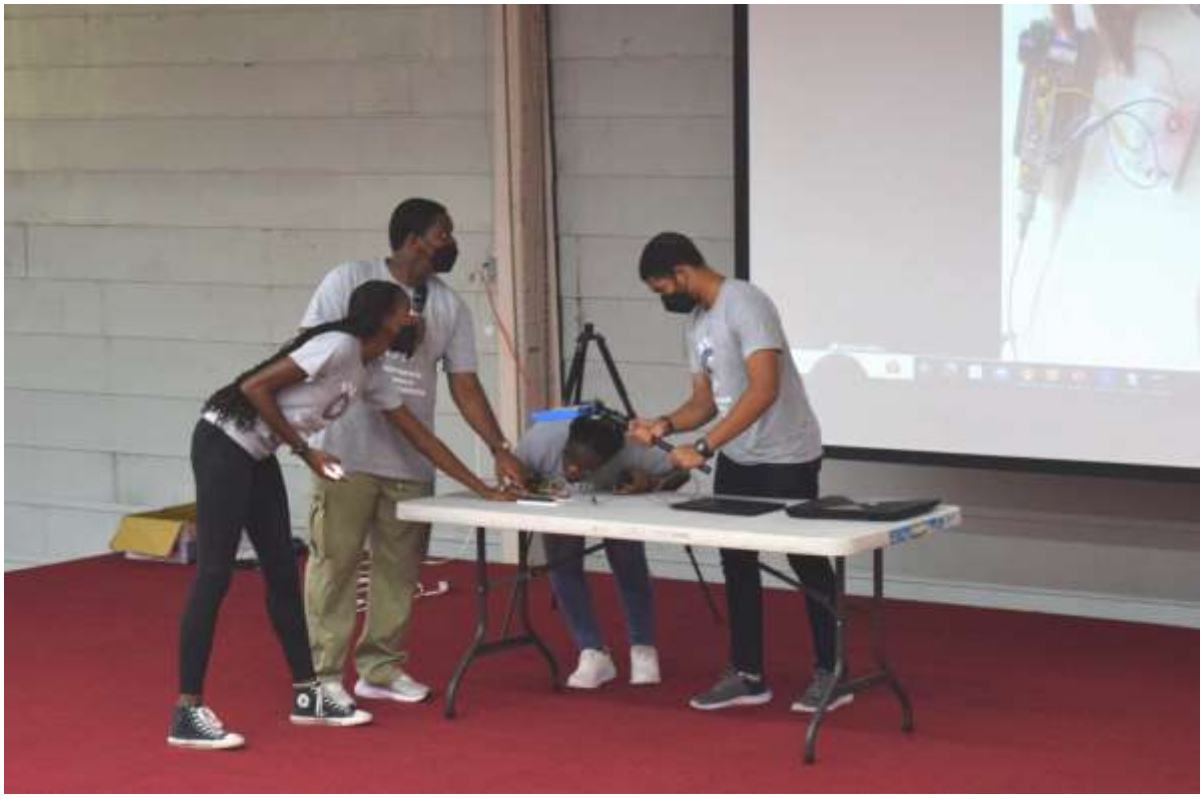


Marie-Thérèse St. Clair (right) in Biochemistry lab carrying out an ELISA with her lab partner



Marie-Thérèse St. Clair (right), describing her computer programming team's video game Cave Escape

Marie-Thérèse St. Clair (right), presenting a part of her entrepreneurship team's project Plasthetix which aims to use recyclable materials and car parts to manufacture prosthetics



Marie-Thérèse St. Clair (far left) and her team, demonstrating their electronics project Envirosense, a sensor array that responds to changes in light and sound in the environment