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SUFFOLK COUNTY COMMUNITY COLLEGE CELEBRATES NATIONAL AWARD-WINNING STUDENT RESEARCHER

Selden, NY - Suffolk County Community College (SCCC) is pleased to announce that Sandy Guerrero, a senior at Longwood High School and a student in the SCCC-STEP (Science and Technology Entry Program), was named a semifinalist in the 2009 Siemens Competition in Math, Science and Technology.

The Siemens Foundation provides more than \$7 million annually in support of educational initiatives in the areas of science, technology, engineering and math in the United States. Its signature programs, the Siemens Competition in Math, Science & Technology and Siemens Awards for Advanced Placement, reward exceptional achievement in science, math and technology. The newest program, The Siemens *We Can Change the World Challenge*, encourages K-12 students to develop innovative green solutions for environmental issues.

During the summer 2009, SCCC-STEP sponsored Ms. Guerrero's research at Stony Brook University's Garcia Center for Polymers at Engineered Interfaces, which is funded by the National Science Foundation as part of its Materials Research Science and Engineering Center (MRSEC). Her project was entitled "Enzyme Stamping onto Polymer Interfaces." Ms. Guerrero submitted a description of this work to the Siemens Foundation Competition, which attracts submissions from the nation's top students.

Ms. Guerrero, a resident of Coram, has been a student in the College's STEP program since the seventh grade. STEP is designed to target underrepresented and economically challenged students who are interested in careers in mathematics, science, technology and health-related fields. The program provides academic support services to undergraduate, graduate or professional school students admitted to two- or four-year postsecondary institutions in New York State.

As a result of the continuum of services offered through the SCCC-STEP program, as well as the supportive academic environment at SCCC, Ms. Guerrero placed first in the STEP Statewide Student Conference - Senior Division, Technology, in March 2009, for her work on a model fuel cell car and its relative efficiency when compared to a gasoline-powered vehicle. Her co-advisors for this competition were Dr. Pierre Xavier, a STEP faculty member and Nina Leonhardt, Suffolk County Community College's Associate Dean for Continuing Education.

"Sandy continues to develop her skills as an outstanding researcher. We are very proud of her achievements," said Dean Leonhardt.

"STEP has given me an opportunity to explore the science field," stated Ms. Guerrero. "For example, STEP allowed me to work on the Garcia Program at Stony Brook University over the summer with a student from a different school, in a lab that college students work in, which was an amazing learning experience. We also learned how to write and present a research paper. Our topic on this paper became our entry for the Siemens Competition. Since this was our first national science competition, we were pleasantly surprise to be selected as semifinalists."



PHOTO CAPTION: Sandy Guerrero, a senior at Longwood High School and a student in SCCC-STEP (Science and Technology Entry Program), is a semifinalist in the 2009 Siemens Competition in Math, Science and Technology. She also placed first in the STEP Statewide Student Conference - Senior Division, Technology in March 2009.

About Suffolk County Community College

Suffolk County Community College (SCCC) is the largest community college in the State University of New York (SUNY) system, enrolling approximately 25,000 students at its three campuses in Selden, Brentwood and Riverhead. SCCC offers the Associate in Arts (A.A.), Associate in Science (A.S.), and Associate in Applied Science (A.A.S.) degrees, as well as a variety of certificate programs. Offering the lowest college tuition on Long Island, a highly respected Honors program, extensive extracurricular activities, championship athletic teams, and numerous unified transfer programs, SCCC is a first-choice college for Long Island students. Visit us online at sunysuffolk.edu.