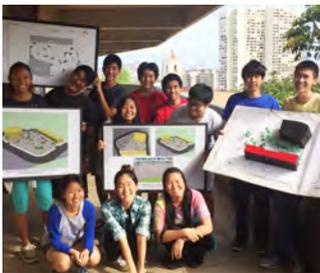


Supporting STEM Civil Engineering Club Wins National Competition

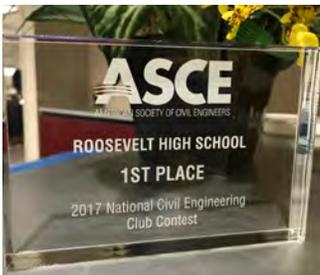
SSFM IS COMMITTED TO IMPROVING STEM EDUCATIONAL OPPORTUNITIES THROUGHOUT THE ISLANDS. OUR PROFESSIONALS ARE ENGAGED IN SUPPORT OF A VARIETY OF SCIENCE, TECHNOLOGY, ENGINEERING AND MATH PROGRAMS AT LOCAL SCHOOLS AND ASSOCIATIONS. WE WERE DELIGHTED THAT ONE OF OUR INITIATIVES HAS RECEIVED NATIONWIDE RECOGNITION.



Roosevelt High School's Civil Engineering Club has been awarded 1st place in the 2016-17 Civil Engineering Club Competition. This was the first annual competition sponsored by the American Society of Civil Engineers (ASCE). Seeking to generate more interest in engineering careers, ASCE launched a pre-college outreach program focused on civil engineering, in order to introduce students to the profession. Hawaii's Roosevelt High School was among the first to start a club and the Islands now have 5 schools in the program.



Roosevelt High competed with schools from throughout the county and was awarded 1st place, with Hawaii's Moanalua 2nd and Brooklyn Technical New York 3rd. SSFM's Wendy McLain and Victor Valdez have been mentoring the Roosevelt High Club for the past four years and worked with them on their submission.



The competition invited the clubs to design a turn-key civil engineering solution to a real project. This year's focus was a retail center parking lot. Clubs were judged on technical design, drafting, efficiency of stall layout, plan presentation and constructability of their design. The competition challenges each team to think creatively, strategically and economically. Students are required to follow a planning, design and documentation process and prepare a video presentation of their solution for the judges. "I am so proud of the fabulous job our club did in meeting the competition's demands," explained Wendy. "They showed tremendous initiative and creativity in their solution and presentation and incorporating computer modeling was particularly impressive."

Roosevelt's win comes with a \$400 award that will be used to support future club activities. And a number of the club's members have expressed genuine interest in pursuing civil engineering in college.