



SCHOOL COUNSELORS STEM EDUCATION WORKSHOP – APRIL 11, 2018, 8:30am-12:00pm

The STEM (science, technology, engineering, mathematics) Education Professional Development Workshop was designed by science education and engineering faculty at Stony Brook University to inform school counselors of opportunities and preparation for post-secondary STEM study. Our overarching goals are to diversify and broaden the STEM talent pool for STEM education and careers. School counselors will listen to and engage in presentations on gateway pre-college coursework, bridge programs, admissions considerations, and pre-college extracurricular programs in engineering. They will have the opportunity to network with Stony Brook faculty and undergraduate students. We wish to inform counselors of opportunities in STEM and ways in which their students may be better positioned for success in STEM study and careers. Counseling resources that describe engineering study and careers will be provided.

Time	Event Location: Light Engineering 250
8:30-9:00am	Breakfast and networking
9:00-9:15am	Welcome from Dr. Angela Kelly, Associate Director of the Institute for STEM Education
9:15-9:45am	Keynote, Dr. Keith Sheppard, Director of the Institute for STEM Education
9:45-10:00am	Admission to Engineering Disciplines – Judy Burke-Berhannan, Dean of Admissions
10:00-11:00am	Rotating Roundtable Discussions <ul style="list-style-type: none"> • Pre-college Coursework for Success in Engineering and the Physical Sciences – Dr. Angela Kelly, Associate Professor of Physics; and Keith Sheppard, Director of the Institute for STEM Education • Engineering Pre-College Programs and University Opportunities for Secondary Students – Dr. Mónica Bugallo, Professor of Electrical/Computer Engineering; and Dr. David Westerfeld, Professor in Practice of Electrical/Computer Engineering • University Admissions – Judy Burke-Berhannan and Admissions Staff
11:00-11:50am	Panel Discussion I: Engineering Faculty and Students: Preparation and Opportunities to Study at CEAS Moderator: Dr. Mónica Bugallo, Professor of Electrical and Computer Engineering
11:50am-12:00pm	Closing Remarks