

The **NSF HSI Improving Undergraduate STEM Education for Hispanic Serving Institutions TREX program** has been able to diversify, expand, and enhance SPU's capacity for offering experiential education by developing new internship opportunities through partnerships with local STEM collaborators.

The successful *STEM TREX Transformative Experiences* model is based on a multiple mentor network with shared responsibility, which helps to address faculty load issues and exposes students to multiple perspectives and viewpoints with regards to STEM careers. STEM students that have participated in a TREX internship have shown enhanced academic success, retention, graduation, and formulation of career goals. T

he TREX team has developed an experiential learning model facilitated by an in-house developed software system with STEM faculty collaboration. Thus far, the TREX program has been able to place 150 STEM students into internships. Jeanette Wilmanski, a Professor in the Biology Department is the Director of the grant.