



Kayleigh Romero

Dissertation Defense
College of Education
Department of Library Science and
Technology
EdD, Instructional Systems Design and
Technology

**Exploring the Effects of Self-paced Learning,
Inquiry-guided Learning, and Collaborative
Learning on Middle School (6-8) Students' Interest
in Pursuing STEM/CS**

The purpose of this quantitative study is to determine any correlations between an increase in knowledge from activities which utilize self-paced learning, inquiry-guided learning, and collaborative learning pedagogical strategies and students' intentions to pursue STEM/CS. The students are comprised of middle school (6-8) students from the Southeast Texas area who took part in computer science and STEM-themed summer programs.

Event Information

October 23, 2023

11:00 a.m.

Zoom

Committee Members

Dr. Li-Jen Lester

Dr. Kimberly LaPrairie

Dr. Pat Ko



Sam Houston State University

PUBLIC DEFENSE ANNOUNCEMENT