On the weekend of October 17th, 2014 Lamar undergraduates Cheri Lewis, Timothy Holcombe and Alexander Strong of the Computer Science Department traveled to San Antonio to attend a Research Conference sponsored by The Association for Computing Educators titled IT Education – Looking Forward: Another 50 Years. STAIRSTEP participants Holcombe and Strong went to present a poster titled Programing is a Snap!: increasing knowledge and interest in computing. The students were also able to attend two separate lectures by Lamar professor Dr. Osborne and Lamar's Computer Science Chair Dr. Andrei.

The yearly Research Conference hosted by San Antonio College included many lectures by various professors and some graduate students from universities across Texas, and the conference also had a competition between students presenting research posters. Timothy and Alexander presented a poster that outlined research aimed to teach pre-collegiate students fundamental Computer Science concepts and increase their interest in Computer Science by having them participate in a short workshop. Timothy and Alexander's poster won 1st place. The research was being developed by Timothy Holcombe, Hannah Leleux, and Alexander Strong under the guidance STAIRSTEP faculty.
mentor Peggy Doerschuk. Cheri Lewis also presented a poster that placed 3rd.

The duo from Lamar's STAIRSTEP were able to attend eight lectures. The lectures covered many topics related specifically to teaching Computer Science. Two lectures were given by Lamar professors. Dr. Lawrence Osborne gave a lecture regarding the importance of teaching cyber security and development of secure software to students. He also mentioned specific exercises and programs that he had taught previously at Lamar. The last lecture of the day was given by Dr. Andrei regarding some challenges that he encountered when teaching a class how to design, implement and test a UAV/Drone in an embedded systems class. The trip was beneficial to the students and Lamar University. It allowed the students to learn a great deal about Computer Science from the perspective of a teacher. It was also beneficial to establish a good representation of both Lamar's STAIRSTEP students and professors at a multi-collegiate event.