

Appendix F

Sample Action Plan for CSO Dana at Sandra Day O'Connor High NSF DRL Award #1615209

Sandra Day O'Connor STEM Conference, May 17th, 2017

Description of Activity

The Society of STEM Innovators club at Sandra Day O'Connor High School hosted the SDOHS STEM Conference on May 17th from 4:00 pm - 6:30 pm, led by Dana Rasmussen and Kailash Raman, at their high school campus. Four STEM professionals from Honeywell, T-Gen, ASU, and PerfOpt Technologies presented cutting-edge innovations emerging in their fields from biotechnology, aerospace, to virtual reality designed to entice students to consider a STEM career. The event saw students (grades 6-12), parents, school staff, and members of the professional STEM community in the audience. Following the main conference presentations, was an opportunity to explore a variety of STEM booths including some hosted by local STEM organizations: Arizona Science Center, PerfOpt Technologies, AZ SciTech and Challenger Space Center.

Estimated number of students impacted

Over 250 students attended the Conference.

What went well? What was your favorite part?

Watching the students enjoying the presentations and the booths was one of the most rewarding parts of the Conference because I knew they were enjoying themselves while learning about STEM, which accomplished our goal of growing the STEM culture in our community.

How can this improve if it were done again?

There was a couple technical difficulties and perhaps not enough audience engagement for the 1st SDOHS STEM Conference, but can be improved by doing technology checks the day of the event, and altering the schedule of speakers so people have a chance to move around and be more involved in the Conference.

CSOs involved in this action plan:

Dana Rasmussen and Brooklyn Baker of Sandra Day O'Connor High School

See <https://www.flickr.com/photos/azscitechfest/albums/72157680932483873> for pics of the event.