

Category: Poster Session

Title: Creating Tools for Learning Statistics: Project Summary and Perspective of Student Researchers
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Abstract: This exploratory project is investigating the potential of Supplemental Online Learning Tools (SOLTs) that integrate visual representations of complex concepts with signed explanations to enhance the academic success of deaf and hard of hearing (DHH) students in foundational statistics courses. Visual/graphic and textual representation of concepts will be accompanied by sign language, voice and captioning. A diverse team of hearing and DHH instructors, tutors, and students collected input from multiple sources to select an initial course topic to address, developed a lesson plan and materials using a universal design approach, and are using an iterative process of evaluation and revision to create the first SOLT. In this poster, undergraduate student researchers provide a project summary and reveal how working on the project has impacted them.