

2018 NSE Conference, Panel 8b

**Mandy Houghton**

Program Manager

Center for Research and Training at The Learning Center for the Deaf



Mandy Houghton, program manager of the Center for Research and Training at The Learning Center for the Deaf, establishes new relationships with collaborators, co-presents effective bilingual STEM instructional practices using the American Sign Language STEM Concept Learning Resource (ASL Clear), participates in administration of the ASL Assessment Instrument (ASLAI), and serves a test translation team member. A long-standing contributor of ASL Clear and an ASL STEM instructional design and content expert, Mandy taught biology, integrated science, and environmental science to

high school students at the Florida School for the Deaf and Blind. Mandy was selected as a research fellow with the Partnership for Reduced Dimensional Materials at the Howard University Nanoscale Science and Engineering Facility and the Center for Integrated Quantum Materials in Harvard University's School of Engineering and Applied Science. During her time as a research fellow, she gave a series of ASL and Deaf Culture seminars to communicate the need for collaboration to combat the underrepresentation of Deaf and hard of hearing individuals in STEM fields. Mandy has a BS in Biology from Gallaudet University. She is a Deaf heritage signer of ASL.