



YOUTH **Chief**
Science Officers, A STEM Leadership Development Program
October 2021 – May 2022

Chief Science Officers (CSOs) is an international STEM leadership program that connects students in 6th-12th grades with local and global STEM communities. The CSO program provides leadership and professional development opportunities by positioning students as ambassadors for STEM innovation in their schools and communities. The program supports CSOs in identifying opportunities and issues relevant to their community, creating innovative solutions, and collaborating with peers and professionals across disciplines. The International CSO Leadership Council collaborate and are provided with the opportunity to meet annually with leaders of the National Science and Technology Council of the Executive Office of the President of the United States.

The ENGINE of Central PA CSO program launched in 2021 with **17 CSOs from three school districts: Bald Eagle Area School District, Mifflin County School District, and Moshannon Valley School District.** The CSOs were engaged in a leadership training institute to prepare them to lead STEM action projects with their districts. All projects included new initiatives to bring further awareness and opportunities in STEM careers with their districts such as: 1) providing fun STEM facts of the day to their student bodies creating, 2) implementing Little Bits activities with Mini-THON attendees and a special education elementary class, and 3) engaging K-5 elementary students in STEMonstrations during the class day.

CSOs were invited to tour and learn about Actuated Medical with Maureen Mulvihill, the CEO and founder of Actuated Medical. Maureen Mulvihill was awarded the [Mentor of the Year for the International Chief Science Officer Program](#) due to her impact with the ENGINE of Central PA CSO program.