

Kathleen Hill



Kathleen Hill, PhD serves as Associate Director of Center for Science and the Schools and is an Assistant Professor of Science Education at Penn State University.

PhD – Curriculum and Instruction – Science Education, Arizona State University

MS – Environmental Pollution Control, Penn State University

BA – Geological Sciences, Lehigh University

Kathy is a former environmental scientist and science teacher. Kathy's role at CSATS is to collaborate with scientists and engineers to design and implement STEM education outreach programs that bridge cutting-edge science and engineering research and K-12 classrooms.

Kathy received her B.A. degree in geological sciences from Lehigh University, followed by a M.S. degree in Environmental Pollution Control from Pennsylvania State University. With a move to Phoenix, Arizona, she worked in environmental consulting for 10 years, which involved a wide variety of projects across the desert southwest region. She then transitioned to teaching middle and high school science and served as a teacher leader on the NASA Phoenix Student Internship Program as well as coordinator for a school-wide middle school science and engineering fair. While in Arizona, she received her Ph.D. from Arizona State University in Curriculum and Instruction with an emphasis on science education. She served as an Assistant Professor of Education at Bethany College in West Virginia developing and teaching science and math education courses for preservice teachers. Her research has focused on teachers' pedagogical content knowledge and specialized content knowledge. Joining CSATS in June 2015, Kathy works with scientists and engineers to design and implement STEM education outreach programs that bridge cutting-edge science and engineering research and K-12 classrooms.