

Outstanding Leadership in Science Education

Since 1979, this prestigious award recognizes and honors an NSELA member, who through professional work, has demonstrated outstanding leadership in science education at the school, county, regional and/or national level. This year the \$1000 award and plaque will be presented to our 2022 awardee, Dr. Christine Anne Royce, during the NSELA Summer Leadership Institute.



Christine Anne Royce, Ed.D.
NSTA President (2018-2019),
NSELA Treasurer (2011-2017);
Professor of Teacher Education
& Co-Director MAT In STEM
Education at Shippensburg
University.

Dr. Royce's contributions to science education are intense, all-encompassing, and deeply personal. Her career path began in 1990 as a second-grade teacher and she has followed her passions in science education towards higher education, in which she is presently a professor of education at Shippensburg University leading the next generation of science teachers. Christine wrote in regard to her work: "My leadership style is a mixture of coaching, visionary and transformational approaches to leadership... [this] leadership allows me to refocus on the fact that I try to support students and teachers as they pursue their understanding of and engagement in science. Initially, working with K-12 students directly and currently with in-service and preservice teachers, I try to ensure that my leadership role is one of support and mentoring, thus allowing me to come full circle."

Dr. Royce's exemplary leadership is well known throughout science education circles. Here are some examples of her many stellar accomplishments. In 2016, she received the University Professional and Continuing Education Association's (UPCEA) Excellence in Teaching Award for the Mid-Atlantic Region; the Provost's Award for 2013 for Extraordinary Service at Shippensburg University; the 2010 Pennsylvania Association for Colleges of Teacher Education (PACTE) Teacher Educator of the Year Award; the Presidential Award for Excellence in Mathematics and Science Teaching in 1997, to name a few. Whether it was securing grants to renovate high school science classrooms for discourse and inquiry learning opportunities or providing professional development to middle school science teachers on implementation of the 5E instructional process, Dr. Royce continues to freely provide her talent and expertise in science teaching and learning, serving as a vital mentor for the next generation of science teachers, science educators, and science education researchers.

Dr. Royce is active in and has held several leadership roles in science education organizations. For NSELA, she held the offices of treasurer (2011-2017) and the Leaders Letter Editor (2011-2015). For NSTA, she served as the Professional Development Division Director (2009- 2012); the District IV Director (2006-2009), and President (2018-2019). These are some of the many volunteer-leadership Dr. Royce has engaged in over the years. Other notable contributions was her collaboration with WNET-TV New York (NY) as a science education consultant to create high-quality STEM content for public television and her 97 columns she penned for science practitioner journals like NSTA's *Science and Children*. Dr. Royce has numerous publications on science teaching and learning including a book, "Teaching science through trade books" (NSTA Press), which was honored as a Best of 2013 Book from Science Books & Film at AAAS.

NSELA is proud to present the 2022 OLISE Award to Dr. Christine Anne Royce. She is an exemplary role model for science teachers and science leaders alike. We are grateful to acknowledge her many years of service to science education researchers, science teachers, and of course, science learners.