Dr. Cindy Moss will explore how we can prepare our students today for tomorrow’s careers in STEM-related fields, including those that may only require one semester of community college. Attendees will learn how to position science as a way to provide students with real-world problems and grow their student’s confidence in their own problem-solving abilities. Additionally, attendees will hear how STEM teaching and learning can help decrease the achievement gap in districts of all sizes.

Dr. Cindy Moss is currently the Vice President of Global STEM Initiatives for Discovery Education and travels the world helping companies, nonprofits, Ministries of Education and school districts understand the importance of STEM education and how to implement it successfully. Previously Dr. Moss served 10 years as the PreK-12 Director of STEM for the 145,000 students and 10,000 teachers in the Charlotte Mecklenburg School system. While there her work to decrease the achievement gap helped earn the district the Broad Award, often considered the super bowl of urban education. As a teacher, Dr. Moss taught Biology, Chemistry, Anatomy and Earth Science for 20 years, and earned numerous awards, including the Milken National Educator Award. She earned a BS in Zoology from the University of North Carolina, where she was a Morehead Scholar; her master’s in Science Teaching from Syracuse University and her Ph.D. from Curtin Institute of Technology in Perth, Western Australia. Her recent awards include Top 100 Women in STEM Award from STEM Connector, the top 100 women in Diversity in STEM from Diversity Matters and 1 of the top 25 Businesswomen in Charlotte from the Charlotte Business Journal.

VAST is pleased to be able to continue providing quality professional development through our online virtual Professional Development Institute (PDI)!

The 2020 VAST PDI will focus on the theme: “Science Content, Courses, and Career Pathways”.

* In addition to presentations related to our theme there will be concurrent session presentations in all subject areas for grades K-12.

* Attend the 3 general sessions featuring speakers who will challenge you with up-to-date scientific discoveries and instructional strategies.

* Interact with vendors in our Exhibit Hall as you collect samples of new instructional materials and explore cutting-edge technologies.

* As an added bonus you can shop for cool science themed stuff.