

## 2020 VAST Professional Development Institute Keynote Speaker

Saturday, November 14, 11:00 AM -11:45 AM: General Session Three

Dr. Cindy Moss sponsored by Discovery Education



**Vice President, Global STEM Initiatives, Discovery Education**

### **“Preparing Your Students for the Careers of Tomorrow”**



**Dr. Cindy Moss**

Dr. Cindy Moss will explore how we can prepare our student’s 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.