About the Author

Margaret (Maggie) L. Niess is Professor Emeritus of STEM (Science, Technology, Engineering and Mathematics) Education at Oregon State University. Her research focuses on integrating technology in teaching science and mathematics and the knowledge teachers require for integrating technologies in their teaching – TPACK. She has authored multiple peer-reviewed journals and chapters including multiple teacher preparation books. She directed the design, implementation, and evaluation of an online Master of Science program for K-12 mathematics and science teachers with an interdisciplinary science, mathematics, and technology emphasis. Her research from this program explores the effectiveness of social metacognitive constructivist learning trajectory in online graduate coursework. She is an editor of an IGI Global *Handbook of Research on Teacher Education in the Digital Age*. She has chaired multiple committees for the Association of Mathematics Teacher Educators (AMTE), has served as chair for the American Educational Research Association’s SIG-TACTL (Technology as a Change Agent in Teaching and Learning).