



Jennifer Hoyte has completed her Doctor of Philosophy in Mathematics Education with a dissertation focus on - *How the Use of Subjectivist Instructional Strategies in an Eighth Grade Algebra Class Relates to Algebra Achievement and Attitude Changes Towards Mathematics*. She has an EdS – Educational Specialist in Curriculum and Instruction, a Master of Science in Computer and Information Science and a Bachelor of Science in Mathematics and Computer and Information Science with distinction in Computer Science.

Her research interests include teaching methods, technology use for Mathematics in K-12 schools and higher education, and making online mathematics courses interactive and exploratory.

Her awards and honors include US Fulbright Scholar, Presidential Fellow, Webmaster of the Florida International University Chapter of the Golden Key International Honour Society, Vice-President of the College of Education Graduate Student Network, Winner of The Grace Bareis Memorial Scholarship for Mathematics and repeated Dean's List awards.

Jennifer has held memberships in the Ohio State University Software Engineering Research Group, student chapter of the Association for Computing Machinery, Mathematical Association of America (MAA), American Education Research Association (AERA), American Association of Two-Year Colleges (AMATYC) and the Golden Key International Honour Society.

She has served as Mathematics and Computer Science Lecturer, Software Developer, Research Scientist, Software Development Manager, and Director of Systems & Programming. She also owns a Computer and Management Company serving global clients in the areas of corporate training, application systems development, project support and management, documentation development and internet/intranet development and support. Jennifer and her team have spearheaded database and enterprise system projects in industries such as: Airport/Harbor Fee Collection, Automobile, City Government, Distributions, Financial, Freight and Shipping, Health Services, Import/Export, Inventory, Manufacturing, Postage, Relocations and Travel.

She has published articles in the area of mathematics education surrounding experiences of adults in algebra courses and how online algebra can be harnessed for developmental help. Jennifer has also collaborated in presentations on virtual mathematics and research on movement in the learning of spatial reasoning.