



STEM

Georgia educator, **LAURIE ORTH**, has been residing in Columbia County since 2012. As an independent general music contractor, her students served the community in various capacities (as the church choir, and by performing community service shows at a local retirement home). Laurie attended the Space Educators Conference at Kennedy Space Center, the International Space Station R & D conference, the Georgia NASA STEM educators conference, the Georgia STEM and STEAM Forum and the Global Women in STEM Leadership Conference in Atlanta. The pinnacle was being chosen by the social media team at NASA headquarters to attend The International Astronautical Congress in Washington DC and have a behind-the-scenes tour and presentations at

NASA headquarters by several of their executive administrators. Ms. Orth published a book for advanced recorder beginners called *Rocket Recorder* because she could not find the teaching material that she needed for her students. Orth said that the NASA STEM engagement website had space lessons for every other discipline including art, but they only had one thing about music- and it was a "space musical" for high school students about the solar system. Because she wanted recorder music for advanced beginners based on space exploration, Orth did the work involved to publish a book filled with music appropriate for a STEM/STEAM class and tested it with her students.