Bio:

Wendy Okolo received her bachelor's degree in aerospace engineering from the University of Texas at Arlington in 2010. As an undergraduate, she interned with Lockheed Martin Information Systems and Global Services on the Orion spacecraft for NASA. She was also an undergraduate research assistant in flight dynamics, guidance, navigation, and control, motivating her current research interests. She stayed on and completed her Ph.D. in 2015 at the university working in the Computer-Aided Controls Systems Design (CACSD) Laboratory. The Air Force Research Laboratory, where she worked for three consecutive summers, funded her dissertation research in aircraft formation flight, a fuel-saving initiative. Her contribution to this body of work was in utilizing alternative trimming techniques such as differential thrusting and internal fuel transfer to reduce drag and increase the fuel savings obtained in formation flight. Her work was also funded by the Air Force Office of Scientific Research through the NDSEG Fellowship, Zonta International through the Amelia Earhart Fellowship, the American Institute for Aeronautics and Astronautics, the Texas Space Grant Consortium, and the University of Texas at Arlington. In her spare time, Wendy enjoys mentoring young women in STEM, working out, and spending time with family.