Ekaterina Bostaph is a research assistant at the world-class Advanced Materials and Structures Lab (AMSL) at University of Texas at Arlington. The newly created facility recently was recognized by the Office of Naval Research. The focus of her research at AMSL is on identifying and characterizing manufacturing defects in composites using limited-angle X-ray computed tomography scanning to assess the performance and lifecycle of aerospace structures.

A native of Russia, Bostaph began pursuing her Ph.D. at The Georgia Institute of Technology in 2010 and later transferred to UTA to continue her studies. She holds a combined bachelor’s and master’s degree in Aerospace Engineering from Samara State Aerospace University in Russia. Previously she worked as an intern and later as a design engineer at Progress State Research and Production Space Center, also known as TsSKB-Progress.

Upon completion of her Ph.D. program, Bostaph expects to pursue a career in aerospace industry.