

## **Description of Research Project**

The overall goal of the Ceres mission, is to provide a hands-on, student-led flight project experience for Virginia Polytechnic Institute of Technology (VA Tech) undergraduate students by designing, developing, integrating, testing and flying a 1U CubeSat. Also, we will obtain measurements of the orbital decay, and work with other universities with similar data to develop a database of atmospheric drag and the variability of atmospheric properties.

The Experimental License requested, is necessary to authorize radio transmission of data between the Ceres satellite and the ground station at the VA Tech campus.