



Alabama Research Experiences for Undergraduates



Project Title:

Measuring Thrust of a Space Rated, 3 cm Iodine Ion Thruster

Project Reference Code:

UA-Branam2

Host Facility:

The University of Alabama

Host Facility Location:

Tuscaloosa, AL 35487

<https://www.ua.edu/>

Project Description:

In collaboration with the Air Force Institute of Technology and Busek Co., Inc., the University of Alabama is measuring thrust, plume plasma properties, and performance to prepare the thruster for deployment to space on a CubeSat.

Disciplines:

Space Plasma Thruster

Is U.S. citizenship required to participate in this project?

Yes

Name(s) of Mentor(s) and contact information:

Richard Branam (rdbranam@eng.ua.edu)

Internship Coordinator/ HR manager:

Amy Lang (alang@eng.ua.edu)

The name and contact information of personnel at the host facility is provided for further assistance with questions regarding the host facility or the project.

Interns will not enter into an employee/employer relationship with the host facility. No commitment with regard to later employment is implied or should be inferred.