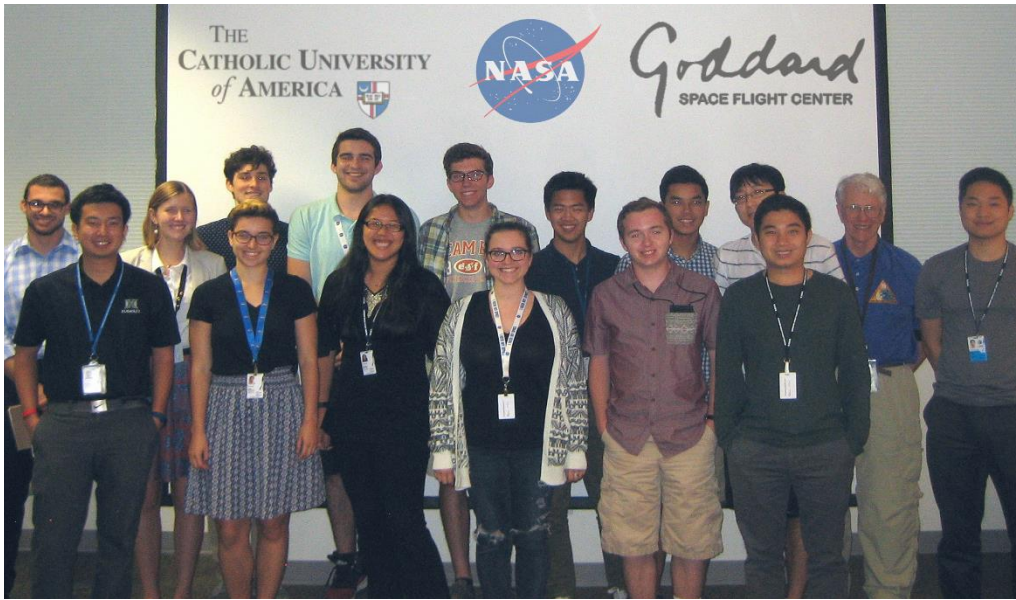


S.E.S.I. The Scientific and Engineering Student Internship @ NASA Goddard Space Flight Center



A multi-decade program dedicated to training the next generation of scientists and engineers.

Important Dates and Information

Location:
NASA/GSFC in Greenbelt, MD

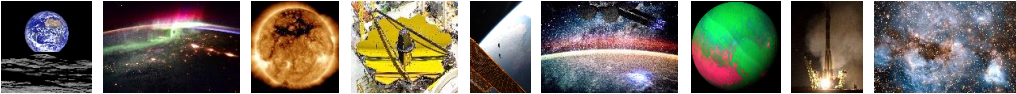
Internship Types:
Science, Engineering, Comp Sci/IT, etc.

Internship Length:
10-12 Weeks, 40 hours per week

OSSI Application End Date:
March 1, 2017

SESI Program Start:
June 5, 2017

Pictured: Our 2016 students and mentors.



What is SESI?

The Scientific and Engineering Student Internship program is a multi-decade cooperative program between the Physics Department at **The Catholic University of America (CUA)** and the **Heliophysics Science Division** at the NASA Goddard Space Flight Center (GSFC) in Greenbelt, Maryland.

SESI provides qualified students with exciting research opportunities and the chance to work with mentors (the scientists, engineers, and researchers of GSFC) in the areas of solar and heliospheric physics, data analysis and computational modeling, building space hardware, and many other scientific fields.

In addition to research, students attend weekly lectures from senior scientists, tour Goddard's facilities, and can participate in optional activities in the Washington, D.C. area such as picnics, park/trail hiking, and museum tours.

Who should apply?

We accept talented and highly motivated students; SESI strives to offer opportunities to a diverse population of students who are dedicated to their research and interested in a fun and engaging summer program.

How do I apply?

Visit NASA's One Stop Shopping Initiative (OSSI) at <https://intern.nasa.gov/ossi/web/public/main/>. You can create an account, search internship opportunities with keyword "SESI," and submit your applications on the OSSI site.

OSSI is currently open to US Citizens. However, other funding and application options may be available to lawful permanent residents and foreign nationals who are interested in SESI, usually at the request of GSFC mentors. Contact Dr. Teresa Nieves-Chinchilla, CEPHEUS Director of Education, at Teresa.Nieves@nasa.gov for additional information.

What NASA missions could I work on?

Some current projects/missions include: Advanced Composition Explorer, Community Coordinated Modeling Center, Deep Space Climate Observatory, Solar Dynamics Observatory, Magnetospheric Multiscale Mission, Solar and Heliospheric Observatory, sounding rockets, smallsats, and many more!

1. Teresa (front) and students hike at Great Falls National Park, MD.
2. Interns Mike Greklek-McKeon, Anna Voelker, and Evan Frangipane pose with SED Director and Acting Center Director for Science, Dr. Colleen Hartman, after winning the Orbit Award for Science for their submission to the 2016 Intern Poster Session.
3. Long-time mentor and Project Scientist of SDO, Dr. W. Dean Pesnell, provides a lecture for the SESI interns.

