



PHaSER HSD Scientific and Engineering Student Internship (S.E.S.I.) Program

Burcu Kosar and the PHaSER Team

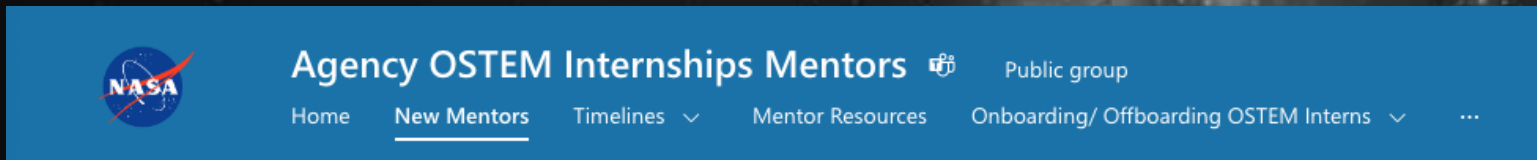
Summer Internship Paths to HSD



NASA's Office of STEM (OSTEM) Program
Spring, Summer, and Fall
U.S. Citizens only
*[Mentor SharePoint Site](#): Central hub where resources are housed

Mentor Funded

Externally Funded
(Space Grant, MUREP etc.)



Monthly newsletter
Mentor Teams Channel for GSFC (and agency)
GSFC OSTEM POCs: Laura Schmidt & Lisa Adams

HSD SESI Program (PHaSER/USRA)
(U.S. Citizens + International Students)
POCs: Burcu Kosar, Bob Robinson, Linda Parker

Mentor Funded

Naval Academy Internship
POC: Aaron Breneman

Academy Funded

HSD SESI Summer Intern Program

A multi-decade program designed to enhance summer interns' experience within the division.



Program Highlights

- Orientation
- Division and Lab Lectures
- Icebreaking + Networking Events
- Python Sessions
- M2M Office Lecture
- AI/ML Lecture
- Sci/Com Lecture
- NASA GSFC Tours
- WOW Room Demo
- Presentation Workshops/Training
- Intern Presentations Symposium

Process for PHaSER HSD SESI Interns

Intern Selection – Sponsors typically have a specific project in mind for a student that they identified

- The PHaSER program can support U.S. citizens as well as foreign nationals.
 - The onboarding and badging process for foreign nationals takes approximately 3-4 months, so ample lead time is needed to ensure success. Foreign nationals need to be enrolled full-time in a degree-granting program at an accredited U.S. college or university.
- We provide recommendation to sponsors on intern stipends which are in alignment with NASA OSTEM interns for that specific fiscal year.
- If a sponsor wishes to co-mentor with a colleague with shared funding responsibilities, PHaSER can support this request.
- Interns are hired through USRA (POC: [Linda Parker](#))
- Requesting IT services (ordering laptops, requesting configuration with necessary software before passing it to their intern) is the mentor's responsibility.

HSD SESI by the numbers – Since 2017, there were total of **52 students** hired through the SESI program.

Guidance on mentoring: It is important to formulate a project description with clear and achievable goals appropriate for the session length and students' level (high school, undergrad, grad.), prepare resources, communicate expectations and rules of a work environment, clearly identify required deliverables, and create an inclusive environment.

How can we improve student recruitment for HSD?



Are there any challenges sponsors face in this process? What is working and what can be improved?

Thoughts on a digital platform to streamline student recruitment? (as modeled by CRESST II in 690)