**Who We Are**
The Space Communications and Navigation (SCaN) Summer Intern Project (SIP) is located at the NASA Glenn Research Center in Cleveland, Ohio and the NASA Goddard Space Flight Center in Greenbelt, MD. We work directly with engineers at Glenn and Goddard to mentor and train high school, undergraduate, and graduate students in communication systems and networks, systems engineering, and project management. We also engage in career planning discussion with the students.

Our mentors are experienced, multidisciplinary engineers specializing in the areas of communication systems, network engineering, and computer and electrical engineering. The SCaN SIP is sponsored by the SCaN Policy and Strategic Communications Office at NASA Headquarters (HQ) in Washington, DC.

**What We Do**
We provide space communications and navigation engineering products and reports throughout the entire NASA life cycle, support exploration, science, human space flight, and commercial missions as well as the SCaN program. We support SCaN’s mission to coordinate multiple space communications networks as well as network support functions to regulate, maintain, and grow NASA’s space missions.
What is the SCaN Summer Intern Project?
The SCaN Summer Intern Project (SIP) is a 10-12 week summer experience where students perform hands-on training with real mission scenarios, gain exposure to powerful communication systems and networks software tools, and design and analyze space communications systems and networks.

Students are introduced to space communications knowledge and practices through their participation in the program over several summers. Each year, as the students’ engineering knowledge matures, their corresponding NASA activities and training increase in complexity. Students are gradually exposed to NASA space communication networks by modeling, simulation and design methods and tools. As they gain experience, they work on hands-on experiments in specialized areas of space communication and navigation. After completing the multi-year internship process, students are positioned and ready for co-op work or to be brought on as a new hire supporting space communications at NASA.

This project is open to all high school seniors, undergraduate, and graduate students who are pursuing a career in space communications or have an interest in this area.

Educational Paths
✦ Aerospace Engineering
✦ Astronautical Engineering
✦ Computer Science/Engineering
✦ Electrical Engineering
✦ Software Engineering
✦ Systems Engineering

✦ Applied Physics
✦ Information Technology
✦ Finance
✦ Graphic Design
✦ Mathematics
✦ Support Services

Why SCaN SIP is Important to NASA’s Future
✦ Students offer fresh perspectives and innovative ideas
✦ Students work on projects that can change the face of NASA
✦ Students are trained by NASA employees and are ready to enter the NASA workforce upon completion of this project
✦ NASA actively promotes STEM careers and SIP is in line with NASA’s message

Apply
http://intern.nasa.gov
Visit the link to learn more about the internships and the application process
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