What is SCaN?
Space Communications and Navigation (SCaN) serves as the Program Office for all of NASA’s space communications activities. SCaN manages and directs the ground-based facilities and services provided by the Deep Space Network, Near Earth Network and Space Network.

What is SIP?
The SCaN Intern Project (SIP) is hosted by NASA Glenn Research Center in Cleveland, OH and the NASA Goddard Space Flight Center in Greenbelt, MD. SIP is open to high school seniors, undergraduate and graduate students who are pursuing a career in space communications or have an interest in this area. SIP is sponsored by the SCaN Policy and Strategic Communications Office at NASA Headquarters in Washington, D.C.

The semester-long internship allows students to perform hands-on training with real mission scenarios, gain exposure and analyze powerful space communication systems, utilize networks software tools and effectively communicate their findings in a final presentation. Each student is paired with an experienced and multidisciplinary mentor who counsels the student with his/her work, but also engages with career planning.

Students are introduced to space communications knowledge and practices through their participation in the program. Each year, as the students’ knowledge matures, their corresponding NASA activities and training increase in complexity. After completing the multi-year internship process, students are positioned and ready for co-op work or could be brought on as a new hire supporting space communications at NASA.
Why is SIP 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 the internship.
• NASA actively promotes STEM careers, and SIP is in line with NASA’s message and vision.

Educational Paths
• Aerospace Engineering
• Applied Physics
• Astronautical Engineering
• Computer Science/Engineering
• Electrical Engineering
• Finance
• Graphic Design
• Information Technology
• Mathematics
• Software Engineering
• Space Policy
• Strategic Communications
• Support Services
• Systems Engineering

Apply!
• Visit the link to learn more about internship opportunities and application process: https://intern.nasa.gov/
• Keyword search: SCaN

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