



# NASA Student Airborne Research Program (SARP)

## Summer Internship for Advanced Undergraduate STEM Majors

Interdisciplinary Research in the Earth System Sciences from ground, airborne, & satellite platforms

The NASA Airborne Science Program announces opportunities for current undergraduate juniors to participate in a paid 8-week summer 2023 internship program (June through August) in Earth system science using a research aircraft to collect data.

Participants will acquire **hands-on research experience** in all aspects of a scientific campaign, including **flying onboard a research aircraft** and engage with ground observations and satellite data.



### Interdisciplinary Earth Science Research:

Participants will work in one of four interdisciplinary teams to study land, atmospheric, or oceanographic processes. Participants will have access to multiple different research platforms and assist in the operation of instruments to sample and measure atmospheric gases and aerosols and image land and water surfaces in multiple spectral bands. Students will be mentored through the analysis of the data and the development of a research idea.

Faculty and research mentors will guide participants through instrument operation, sample analysis, and data reduction and synthesis. Each student will develop an individual research project from the data collected and will deliver final presentations on their results.

### Academic Background:

Applicants are expected to have a strong academic background in any of the physical, chemical, or biological sciences, or engineering and an interest in applying their background to the study of the Earth system. All participants will receive a stipend, travel costs, as well as housing and transportation during the program.



### Applicants will be selected based on:

- Evidence of interest in Earth System Science research
- Leadership qualities and ability to perform in teams
- Particular focus will be on students from a STEM background
- Academic achievement

**APPLICATION DEADLINE:**  
**January 30, 2023**

Apply here:

<https://baeri.org/sarp/2023>

Email questions to [nasasarp@baeri.org](mailto:nasasarp@baeri.org)

- Visit the QR code for more information:

