



SSEP Mission 14 to ISS Profile

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Payload and Flight Ops:

Number of SSEP experiments: 33 experiments, with 27 flying on SpaceX-21

SSEP Payload Designation: *Apollo* (SSEP16)

Flight: SpaceX CRS-21, Launch Complex 39A, Kennedy Space Center, Florida

Mission 14 Community Engagement:

Number of communities engaged: 32

Number of students engaged in microgravity experiment design: 16,600 (grades 5-16)

Number of flight experiment proposals submitted by student teams: 3,076

Number of finalist proposals submitted to Step 2 Review at NASA Goddard Spaceflight Center's Visitor Center: 97

Number of experiments selected for flight (one for 31 communities and two for 1 community): 33

Flight Experiment Student Researchers: 129 (82 PIs & Co-PIs; 22 Co-Is; 25 Collaborators)

The Student Spaceflight Experiments Program [or SSEP] is a program of the National Center for Earth and Space Science Education (NCESSSE) in the U.S. and the Arthur C. Clarke Institute for Space Education internationally. It is enabled through a strategic partnership with DreamUp PBC and NanoRacks LLC, which are working with NASA under a Space Act Agreement as part of the utilization of the International Space Station as a National Laboratory. SSEP is the first pre-college STEM education program that is both a U.S. national initiative and implemented as an on-orbit commercial space venture.

The Smithsonian National Air and Space Museum, the Center for the Advancement of Science in Space (CASIS), and Subaru of America, Inc., are U.S. National Partners on the Student Spaceflight Experiments Program. Magellan Aerospace is a Canadian National Partner on the Student Spaceflight Experiments Program.