



## SSEP Mission 19 to ISS Profile

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### Payload and Flight Ops:

Number of SSEP experiments: 21 experiments, with 20 flying on SpaceX-34 (one M19 experiment will fly later this year)

SSEP Payload Designation: *Endeavour* (SSEP21)

Flight: SpaceX CRS-34, Launch Complex 40, Cape Canaveral Space Force Station, Florida

### Mission 18 Community Engagement:

Number of communities engaged: 20

Number of students engaged in microgravity experiment design: 7,288 (grades 5-16)

Number of flight experiment proposals submitted by student teams: 1,178

Number of finalist proposals submitted to Step 2 Review: 60

Number of experiments selected for flight (one for 19 communities and two for 1 community): 21

### Flight Experiment Student Researchers:

86 (54 Principal Investigators & Co-Principal Investigators; 15 Investigators; 17 Collaborators)

The Student Spaceflight Experiments Program [or SSEP] is a program of the National Center for Earth and Space Science Education (NCESS) in the U.S. and the Arthur C. Clarke Institute for Space Education internationally. It is enabled through a strategic partnership with Nanoracks LLC, which is 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 Center for the Advancement of Science in Space (CASIS) is a U.S. National Partner on the Student Spaceflight Experiments Program.

