



SSEP Mission 21 to ISS Profile

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Payload and Flight Ops:

Number of SSEP experiments: 17 experiments

SSEP Payload Designation: *Discovery* (SSEP23)

Flight: SpaceX CRS-35, Space Launch Complex 40, Cape Canaveral Space Force Station, Florida

Mission 21 Community Engagement:

Number of communities engaged: 17

Number of students engaged in microgravity experiment design: 3,663 (grades 5-16)

Number of flight experiment proposals submitted by student teams: 441

Number of finalist proposals submitted to Step 2 Review: 58

Number of experiments selected for flight (one for 18 communities): 18

Flight Experiment Student Researchers:

65 (43 Principal Investigators & Co-Principal Investigators; 19 Investigators; 3 Collaborators)

The Student Spaceflight Experiments Program [or SSEP] is a program of the National Center for Earth and Space Science Education (NCESSE) in the U.S. and the Arthur C. Clarke Institute for Space Education internationally. It is enabled through a strategic collaboration with Rhodium Scientific, America's first commercial space biotech and mission Spaceflight Implementation Partner, ISS Commercial Service Provider, working with NASA through a CASIS Agreement to utilize its facilities aboard the International Space Station for this mission. 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 endeavor.