



SSEP Mission 20 to ISS: *Atlantis* Experiments Flying on SpaceX-35 Payload Summary

Contact: Dr. Jeff Goldstein, SSEP National Program Director, 301-395-0770, jeffgoldstein@ncesse.org

4 Experiments from the SSEP Mission 20 to ISS *Atlantis* Payload Flying on SpaceX-35

	Community	Experiment	Team	Grades	At Launch
1	Alexander City, Alabama	Investigating the Effects of Microgravity on the Early Root Development Rate of Radishes	3 Co-Principal Investigators, 2 Collaborators	13-14	
2	Fort Morgan, Colorado	Effects of Zero Gravity on The Germination of Radishes in Hydrogel	2 Co-Principal Investigators	14	
3	Melbourne, Florida	Hydrogel Radiation-Shielding Viability Under the Influence of Microgravity	1 Principal Investigator, 2 Investigators, 2 Collaborators	14-16	X
4	Knoxville, Tennessee	The Effects of Space Travel on Seed Germination and Plant Stress Responses	2 Co-Principal Investigators	15-16	X

The Student Spaceflight Experiments Program (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 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.