



## SSEP Mission 14 to ISS: *Apollo* Experiments Flying on SpaceX-22 Payload Summary

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

### 3 Experiments from the SSEP Mission 14 to ISS *Apollo* Payload Flying on SpaceX-22

	Community	Experiment	Team	Grades	At Launch
1	Stamford, CT	The Effect of Microgravity on the Ability of <i>Galloflavin</i> , in the Absence of Membrane Based Cellular Signaling Pathways, to Inhibit the Enzymatic Activity of <i>Lactate Dehydrogenase A</i>	2 Co-Principal Investigators	12	
2	Bandera, TX	Will the growth of brewer's yeast be affected in a microgravity environment?	5 Co-Principal Investigators	6	
3	Lufkin, TX	Can Radish Seeds Develop in Microgravity?	2 Co-Principal Investigators	7	

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 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.



# SSEP

Student Spaceflight Experiments Program



## SSEP Mission 15 to ISS: *Skylab* Experiments Flying on SpaceX-22 Payload Summary

Contact: Dr. Jeff Goldstein, SSEP National Program Director, 301-395-0770, [jeffgoldstein@ncesse.org](mailto:jeffgoldstein@ncesse.org)

### 2 Experiments from the SSEP Mission 15 to ISS *Skylab* Payload Flying on SpaceX-22

	Community	Experiment	Team	Grades	At Launch
1	Moreno Valley, CA	The Effects of Microgravity on Passion Fruit Seeds	2 Co-Principal Investigators, 1 Investigator	11 and 12	
2	Burleson, TX	The Effect of Microgravity on Cellular Regeneration of the Planarian Flatworm	5 Co-Principal Investigators	6	

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 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.