

SSEP Mission 5 to ISS
 Charlie Brown Experiments
 Payload Summary



	Community	Experiment	Team	Grades	At Launch?	CASIS Supported
1	Teachers in Space (TiS) & Space Frontier Foundation	<i>Affected Efficacy of Sprayed Enamel Coating as a Corrosion Inhibitor</i>	2 Co-PIs 23 Co-Is	7-8	x	x
2	Flagstaff, AZ	<i>How does an onion root cell divide in microgravity?</i>	3 Co-PIs	7		
3	Santa Rosa, CA	<i>Triops as a Protein Source</i>	6 Co-PIs 8 Co-Is	5-8		x
4	Washington, DC	<i>Growth of a Radish Plant in Microgravity</i>	3 Co-PIs	9		x
5	Hillsborough County, FL	<i>How many seeds will germinate in microgravity vs. on Earth?</i>	3 Co-PIs	5		
6	Jefferson County, KY	<i>Will microgravity conditions increase the rate of yeast fermentation in honey?</i>	4 Co-PIs 9 Co-Is	9-12		x
7	Howard County, MD	<i>Core-Shell Micro/Nanodisks: Microencapsulation in Two Dimensions under Microgravity</i>	1 PI	8	x	
8	Fitchburg, MA	<i>The Production of Antibiotics from Bacillus subtilis in Microgravity</i>	2 Co-PIs 2 Co-Is	11		x
9	North Attleborough, MA	<i>If you cut a Dugesia Planarian worm would it grow back in microgravity?</i>	1 PI 2 Co-PIs	6		
10	Kansas City, MO	<i>Oxidation in Space</i>	4 Co-PIs	8		
11	Brookhaven, MS	<i>Polyhydroxyalkanoate Production in Zero Gravity</i>	5 Co-PIs	12		
12	Pennsauken, NJ	<i>Penicillium Growth Rate in Microgravity</i>	3 Co-PIs	8		x
13	New York City, NY	<i>What is the effect of microgravity on mold growth on white bread?</i>	3 Co-PIs	5	x	x
14	Rockland County, NY	<i>Lettuce Growth</i>	3 Co-PIs	5	x	x
15	Guilford County, NC	<i>Artificial Ear?</i>	3 Co-PIs 8 Collaborators	6-8	x	x
16	MISSION 2 REFLIGHT Guilford County, NC	<i>Mold Reproduction Rate in Microgravity</i>				

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