

SSEP Mission 6 to ISS  
 Yankee Clipper Experiments  
 Payload Summary



	Community	Experiment	Team	Grades	At Launch?	CASIS Supported
1	Kamloops/Thompson, British Columbia, Canada	<i>Creating Crystals in Space</i>	4 Co-PIs 23 Co-Is	6-7		
2	Oakland, CA	<i>Composting in Microgravity</i>	3 Co-PIs	6		x
3	San Marino, CA	<i>Effects of Microgravity on Early Musca Domestica Growth</i>	2 Co-PIs	11		x
4	Washington, DC – DC Space Grant University Community	<i>The Effects of Microgravity on the Development of Chrysanthemum morifolium Seeds</i>	4 Co-PIs	College Sophomores & Juniors	X	
5	Plaquemine, LA	<i>The Effect of Microgravity on Phototropism and Geotropism on the Germination of Soybean Seeds</i>	3 Co-PIs	4		
6	Kalamazoo, MI	<i>Microgravity's Effects on Dry Lake Fairy Shrimp</i>	3 Co-PIs 1 Co-I	8	x	x
7	Madison Heights, MI	<i>Coliform Bacteria</i>	1 PI 2 Co-Is 1 Collaborator	7		
8	Kansas City, MO	<i>Biocides and Bacteria</i>	3 Co-PIs	7		x
9	Berkeley Heights, NJ	<i>Baby Bloodsuckers in Outer Space</i>	5 Co-PIs	7	x	
10	Long Branch, NJ	<i>Hydroponics vs. Microgravity</i>	4 Co-PIs	5		x
11	Ocean City, NJ	<i>Attachment of Escherichia coli K-12 Strain to Lettuce</i>	6 Co-PIs	11	x	
12	Flushing, NY	<i>Can Zero Gravity Affect the Germination of Chia Plants?</i>	5 Co-PIs	7		
13	Colleton County, SC	<i>Milk in Microgravity</i>	1 PI 4 Co-Is	6	x	x
14	North Charleston, SC	<i>How Does Spaceflight Affect the Formation of Tin Whiskers on Lead-free Solder?</i>	2 Co-PIs 1 Collaborator	9&11	x	x
15	Knox County, TN	<i>Waste in Space: Exploring the Effect of Microgravity on the Rate of Decomposition of Corn Starch by Rid-X</i>	2 Co-PIs 4 Co-Is 3 Collaborators	5-11	x	
16	Somerville, TN	<i>Reishi Mushroom VS. Chronic Myeloid Leukemia</i>	1 PI 3 Co-Is	9-10	x	x
17	Rockwall County, TX	<i>How Microgravity Effects Yeast Cell Division and How it Relates to Human Cancer Cells</i>	2 Co-PIs 3 Co-Is 1 Collaborator	8		x
18	San Antonio, TX	<i>Crystal Formation</i>	4 Co-PIs	5-6		x

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