

SSEP Mission 10 to ISS Casper Experiments Payload Summary

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11 Experiments Comprising the SSEP Mission 10 to ISS Casper Payload

	Community	Experiment	Team	Grades	At Launch?
1	Camden, AR	<i>Testing the Formation of a Polymer in Microgravity</i>	5 Co-PIs	9	X
2	Elk Grove, CA	<i>Does the Structure of a Fairy Shrimp Change in Microgravity?</i>	4 Co-PIs	5	
3	iLEAD Consortium, CA	<i>The Effects of Microgravity on Oxidation</i>	3 Co-PIs	11	X
4	Lennox, CA	<i>Benefits of Mint?</i>	1 PI 1 Investigator 2 Collaborators	8	
5	Middletown, DE	<i>Growth and Development of Fathead Minnows in Microgravity</i>	5 Co-PIs	6	X
6	Lansing, KS	<i>Possible Effects of Microgravity on Development of Dictyostelium discoideum</i>	4 Co-PIs	7	
7	University System of Maryland, MD	<i>Bacterial Motility in Microgravity</i>	3 Co-PIs	15	X
8	Clark County, NV	<i>Soybean Germination in Microgravity</i>	3 Co-PIs	5	
9	Summit, NJ	<i>Tiny Wings of Glory</i>	7 Co-PIs	5 and 7	X

10	Houston, TX	<i>Role of Gravity in Flatworm Regeneration</i>	5 Co-PIs	10	X
11	San Antonio, TX	<i>Antibiotic Effectiveness in Microgravity: the Good, the Bad and the Astronaut</i>	1 PI 4 Co-Is	9 and 11	

The Student Spaceflight Experiments Program [or SSEP] is a program of the National Center for Earth and Space Science Education (NCESS) 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.