


10-13-2009

Project: F.U.N.B.O.E. (Follow-Up Nucleate Boiling On-flight Experiment)

Getaway Special Team 2009

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The Get Away Special Team

Project:

F.U.N.B.O.E.

(Follow-Up Nucleate Boiling On-flight
Experiment)



Our Purpose

- Outreach to schools
- Create interest in math and science
- Provide hands-on learning
- Prepare students for college
- Perform microgravity research

The Get Away Special (GAS) Team

- Began in 1976
- Sent collegiate and K-12 experiments on Space Shuttle
- 33 years later, we are still doing microgravity experiments
- We want to keep K-12 students involved

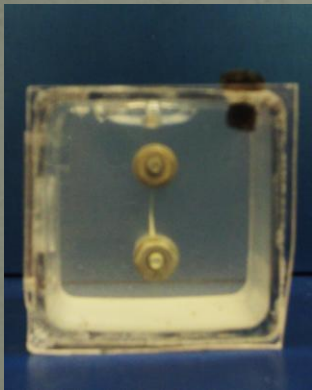


The G001 team: (L to R, kneeling) sponsors Gilbert Moore and Phyllis Moore; USU Professor Rex Megill; (standing) Thiokol Corporation advisor Donald Cook; students Amber Dalley, Russ Laher, Terrance Thomas, David Yoel, James Elwell, Bruce Moore, Walt Moore, Steven Walker, and Kelly Hunt; Thiokol advisors Lynn Hankins and Gladyce O'Dell.

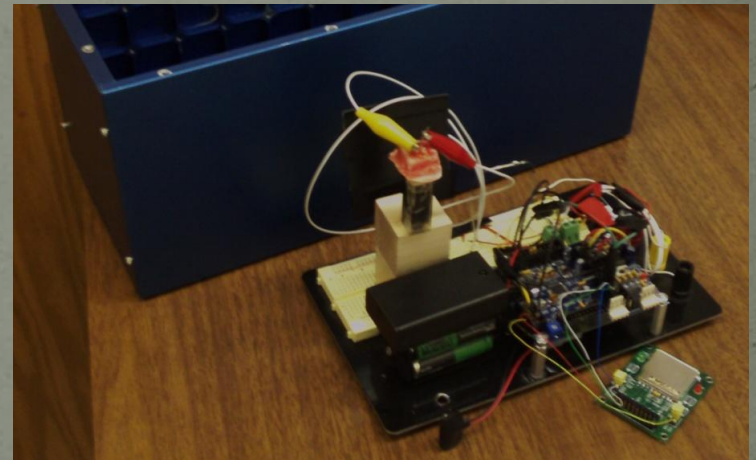
The GAS team has brought space into K-12 classrooms by sending, not only the team's experiments, but also those developed by students from local schools.

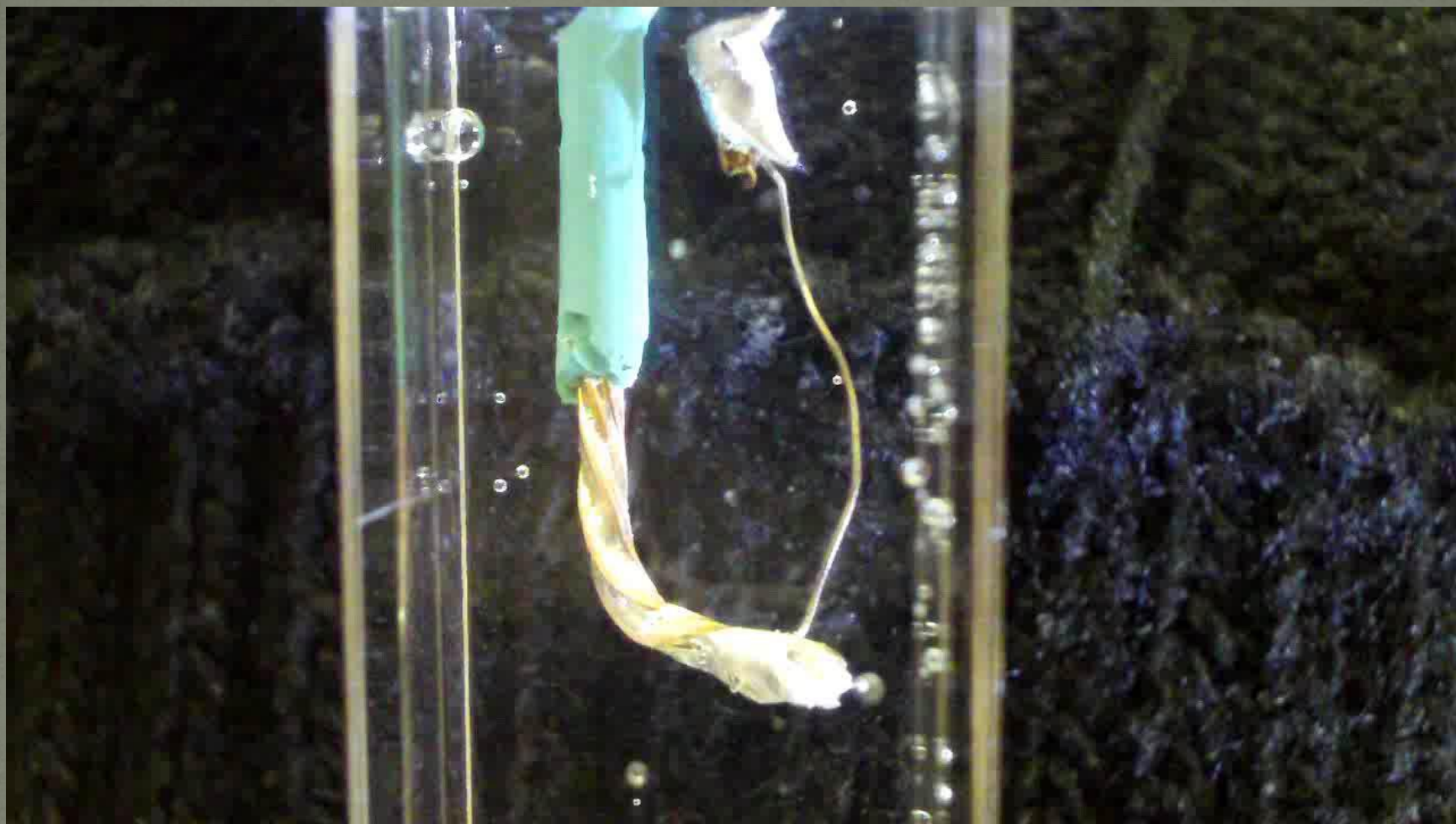
FUNBOE

- Part of NASA's Reduced Gravity Student Flight Opportunities Program
- Study how zero-gravity effect boiling



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How your school can be benefitted

- College students providing curriculum support
- Hands on experiments
- Connection to NASA Programs (DIME, WING, Mindstorm robotics competition)
- Connection to other community activities (Clarke Planetarium, Physics Day at Lagoon, Expanding Your Horizons, Science Unwrapped)
- Website resources (www.mrt.usu.edu)

Presentations to 5th grade classes

- Teaching
 - Physical vs. Chemical changes
 - Phase change
- Experiments:
 - Convection
 - Temperature change
 - Chemical changes after a physical change