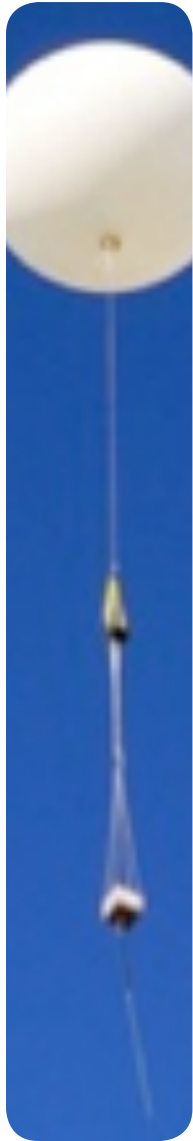


JOIN THE RESEARCH ACADEMY



CONDUCT RESEARCH

Gain insight and receive guidance from young aerospace scientists during your research.

TEAM RESEARCH ASSIGNMENTS

HELIUM BALLOON

PARACHUTE

PAYLOAD

Camera
i Phone
Experiments
Payload Box

SPACE BALLOON 999

LAUNCHING

Location Hunting and
Permission

Weather Research

(Possible) Landing Area
Research

DID YOU KNOW?

a weather balloon can ascend up to 100,000 feet before bursting?

The ECC Research Academy, Mission Space Balloon, will provide opportunities for a student research team to test ideas, program equipment, and plan and evaluate the launch of a student-designed payload from a weather balloon.

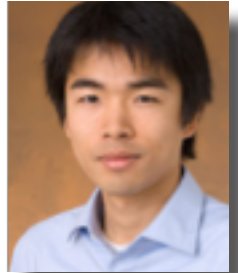
Students, teachers, individuals and groups alike are enabled to investigate effects not possible here on the ground without using expensive laboratories or equipment.

Upon completion of your mission you will receive a Certificate of Participation in the Research Academy.

CHIEF INSTRUCTOR

Dr. Yoshiaki Kuwata

Research Scientist,
NASA Jet Propulsion
Laboratory
(Member of Advanced
Robotics Controls Group)



Dr. Kuwata joined the Advanced Robotic Controls Group in 2008. He has eight years of experience in developing planning and control systems for various types of autonomous vehicles, including small rovers, SUV, fixed-wing aircraft, quadrotors, balloon, and sea surface vehicle.

PROJECT COORDINATOR:

Mr. Masahiro Kimura

Executive Producer of Space Online School (SOS) and C.E.O. of Live Forum Foundation USA (NPO)

Mr. Kimura has 35 years of experience working as a producer and correspondent for Kyodo News Agency, TV Asahi Broadcasting Company and CNN News. Currently his work involves being the executive producer of Live Forum Foundation, USA, an educational non-profit organization, providing educational programs based on internet live streaming www.liveforum.org

April Research Team Meeting 1:

Introduce Space Project and Designate Assignments to each student

May Research Team Meeting 2:

Checks and corrections of the process of each assignment

June Research Team Meeting 3:

Real launching of the Space Balloon!



El Camino College

**Reserach Academy
Mission Space Balloon**

Contact information:

Josefina Bedolla
(310)660-3593 ext.3452

El Camino College

**RESEARCH
ACADEMY**

**MISSION
SPACE
BALLOON**

Interested ECC Students please email:
jbedolla@elcamino.edu