Reduced Gravity Education Flight Program
Grant Us Space – National Space Grant Flight Week 2011

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www.nasa.gov
NASA Reduced Gravity Education Flight Program Overview

Overview and Tie to Future

Test Readiness Review

Fresno State – Grant Us Space Flight Week
NASA Reduced Gravity Education Flight Program Overview

Audiences / Programs

**Higher Education**
- Microgravity University
- Systems Engineering
- Grant Us Space (Pilot)
- MSI & Community College (Pilot)

**K-12**
- Teaching From Space (Pilot)
- Department of Energy (Pilot)
NASA Reduced Gravity Education Flight Program Overview

History

1995 – 2011
- Over 3,400 Participants
- 212 Unique Institutions
- 696 Teams
- 49 States

2011
- 6 Flight Weeks
- 500+ Participants
- 83 Unique Institutions
   - 52 Higher Ed / 31 K-12
2011 Grant Us Space Flight Week
- Proposals: due 2/2/2011 (15 received)
- Capacity: 84 participants from 14 teams (88 participants were accepted)
- Eligibility:
  - Affiliated with Space Grant consortia
  - Currently enrolled students
  - At least 18-years-of-age
  - U.S. citizen
  - First time participant
- Strongly encouraged minority-serving institutions, community colleges, and 1st time institutions

Reads: “Take your education to new heights!!!”
NASA Reduced Gravity Education Flight Program Overview

2011 Grant Us Space Participants by Region

University of Arizona
California State University, Fresno
University of California, San Diego
Grossmont College
University of Colorado at Boulder
University of Illinois at Urbana-Champaign
Northwestern University
University of Michigan
Drury University
Missouri University of Science and Technology
University of Pennsylvania
Rose-Hulman Institute of Technology
University of Florida
Seattle Pacific University
Lamar University
University of Arizona
Lamar University
Drury University
University of Colorado at Boulder
Drury University
University of Michigan
Lamar University
Missouri University of Science and Technology
University of Pennsylvania
Rose-Hulman Institute of Technology
University of Florida
Seattle Pacific University
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Grant Us Space 2011 Data

Academic Level of Participants

- Freshman: 37%
- Sophomore: 9%
- Junior: 25%
- Senior: 4%
- Graduate: 25%
- Faculty: 4%

Academic Disciplines for Participants

- Aerospace Engineering: 18
- Physics: 16
- EE/Comp. Sci.: 14
- Mechanical Engineering: 12
- Biology/Biomedical: 10
- Other Engineering: 6
Current:
- Teams are busy finalizing and submitting final reports and outreach videos

Future:
- How do we continue our partnership?
- Encourage participation within your states and regions
- Work with selected teams within your states and provide assistance when available
- Opportunities to purchase flight/research slots for teams
Questions?