

Broadening Implementation of HAB in Undergraduate Classes

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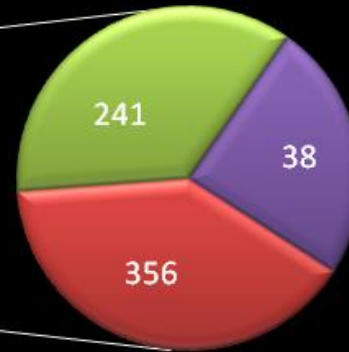
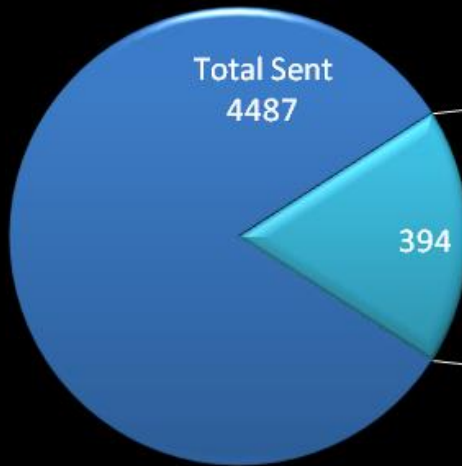
Overview

- Purpose & Demographics
- Key Findings
- Level of Knowledge
- Interest in Near Space
- Concerns
- Expansion & Relevance

Purpose

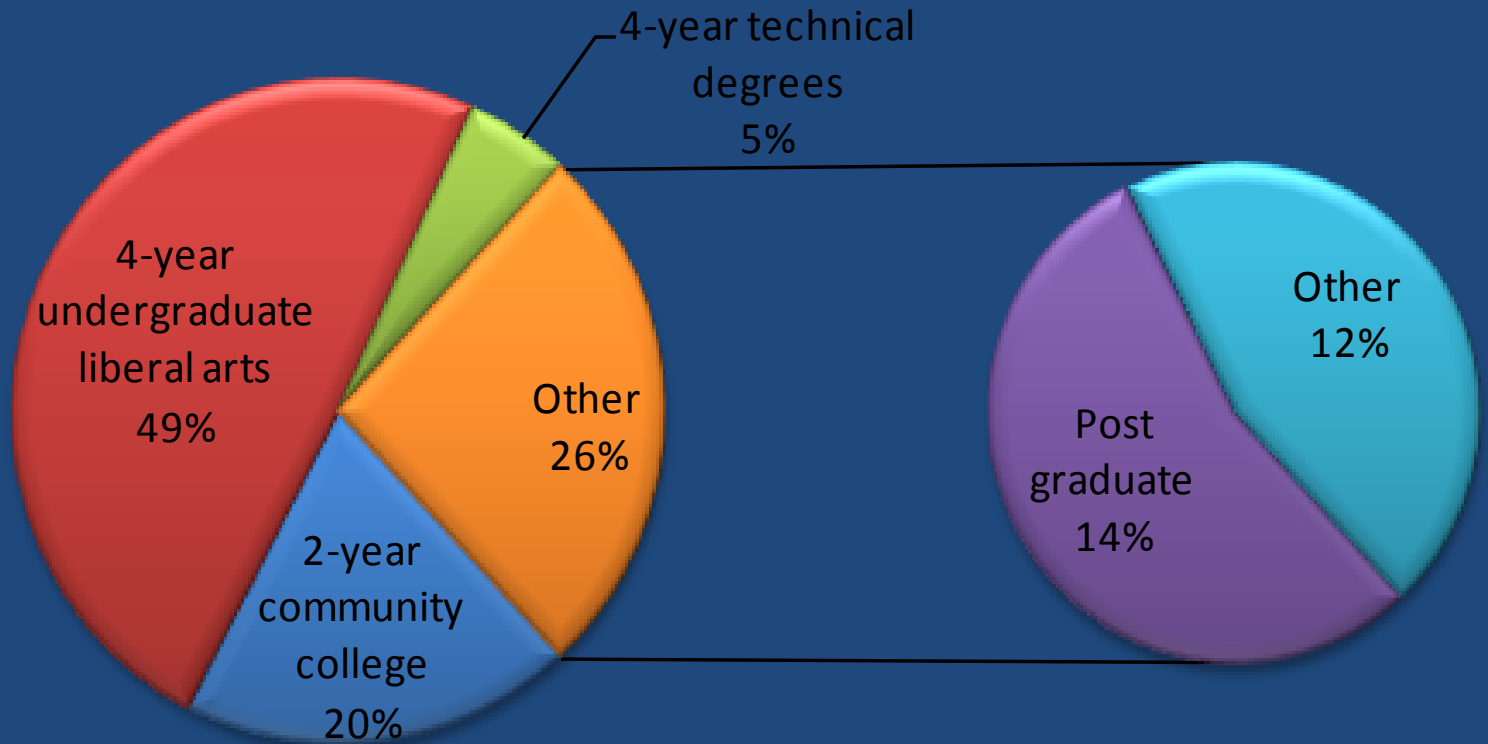
- Accelerate learning concerning High Altitude Ballooning at educational institutions
- Key Objectives
 - Determine the best channel of communication
 - Estimate the potential growth of HARP
 - Identify likely users
 - Identify barriers to growth

Email Statistics

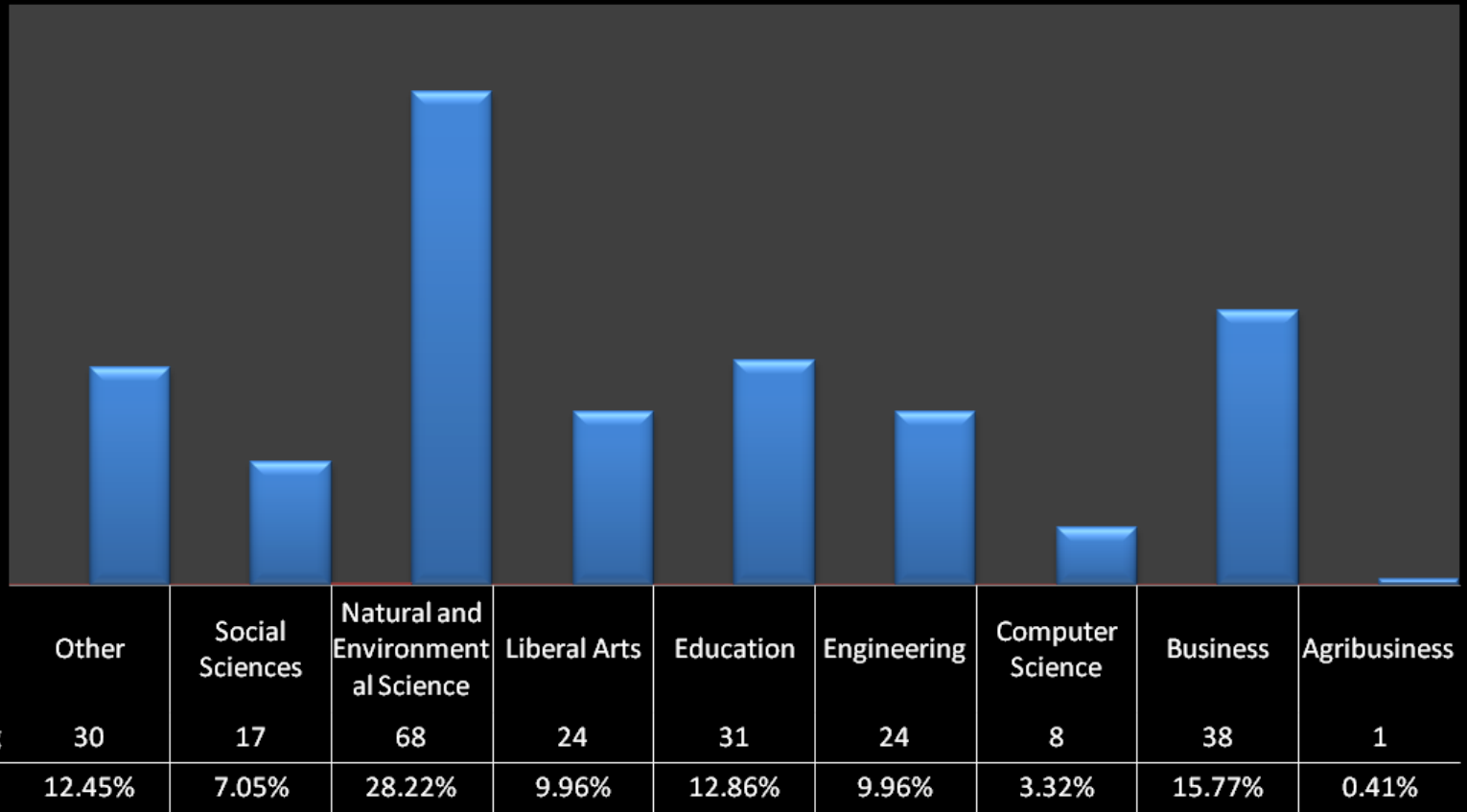


- ▣ Total Viewed: 394
- ▣ Total Started: 356
- ▣ Total Started and Completed: 241
- ▣ Total Not Completed: 38

Institution Type



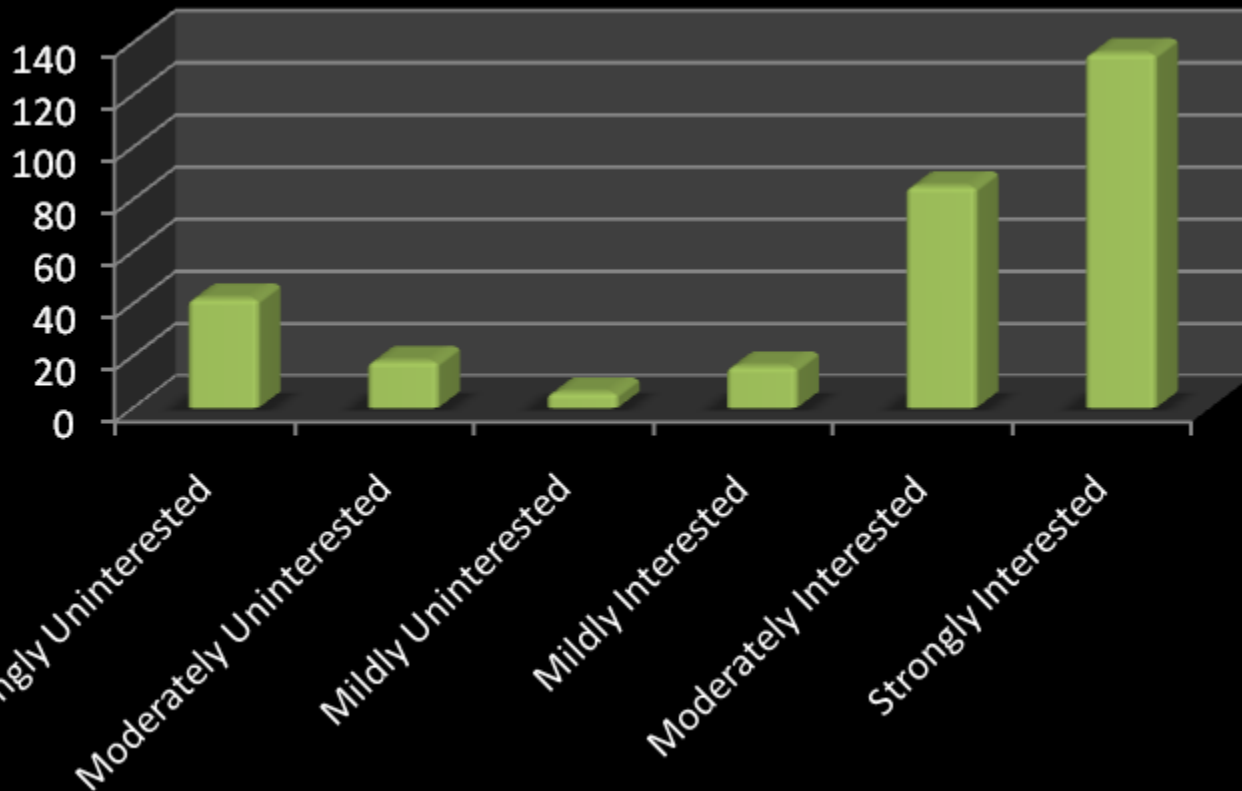
If you are faculty, what is your discipline?



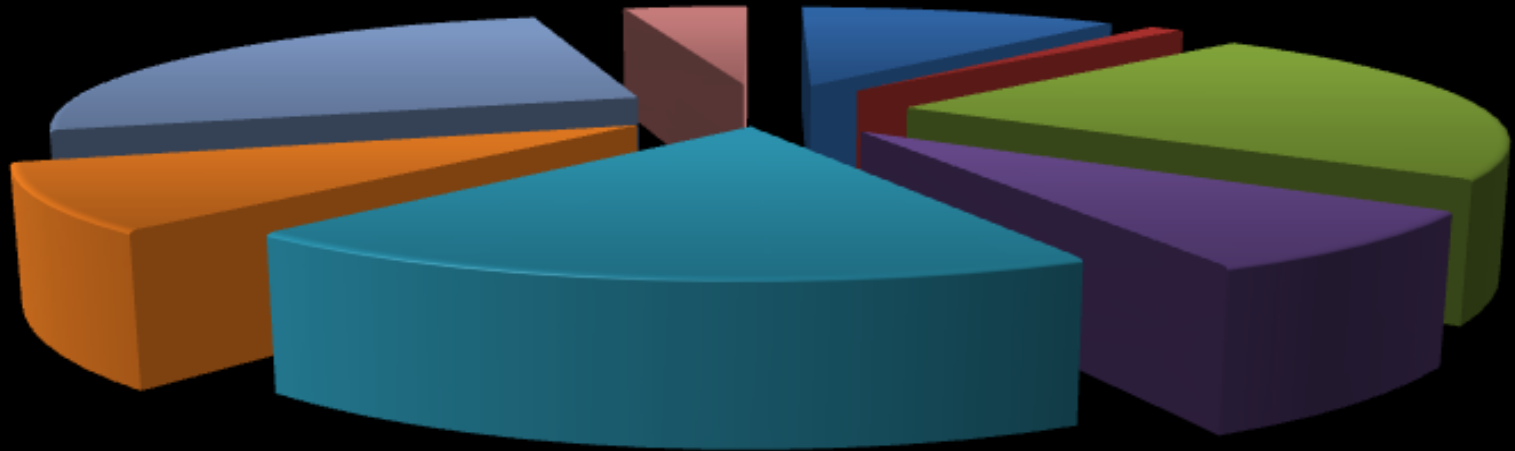
Key Findings

- Interest in hands on learning is high and considered an important recruiting tool for potential students.
- Funding is a key factor in successfully implementing any type of educational tool.
- Institutions use conferences, seminars, academic journals and workshops to remain current in hands-on learning.
- Knowledge of near space and atmospheric study is poor.

Institutions interest in using hands-on education in the classroom.



How do you learn about innovative educational tools and teaching methodologies?



Direct Mail

Telephone

Email

Personal Visit

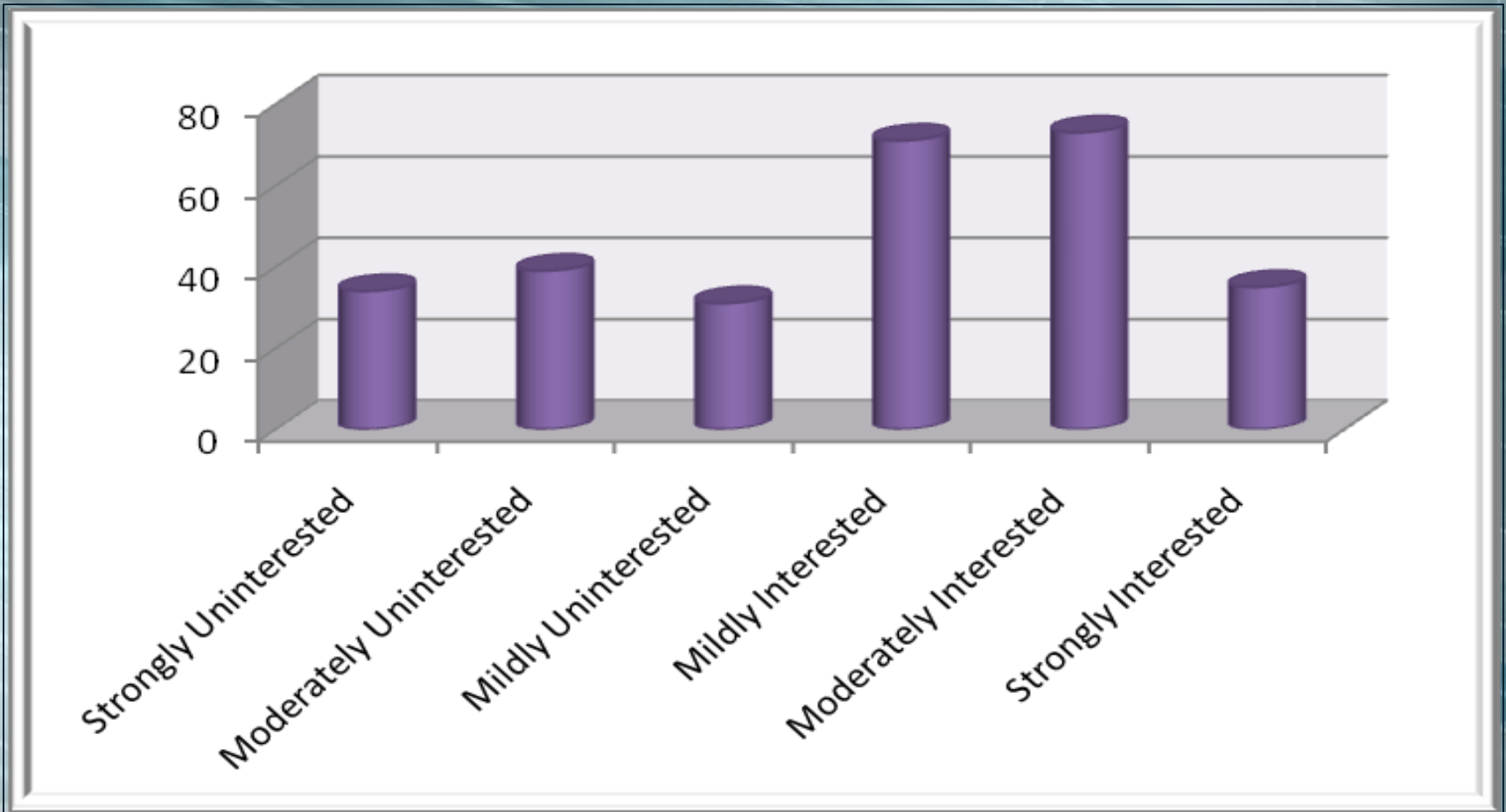
Web Search

Social Networking

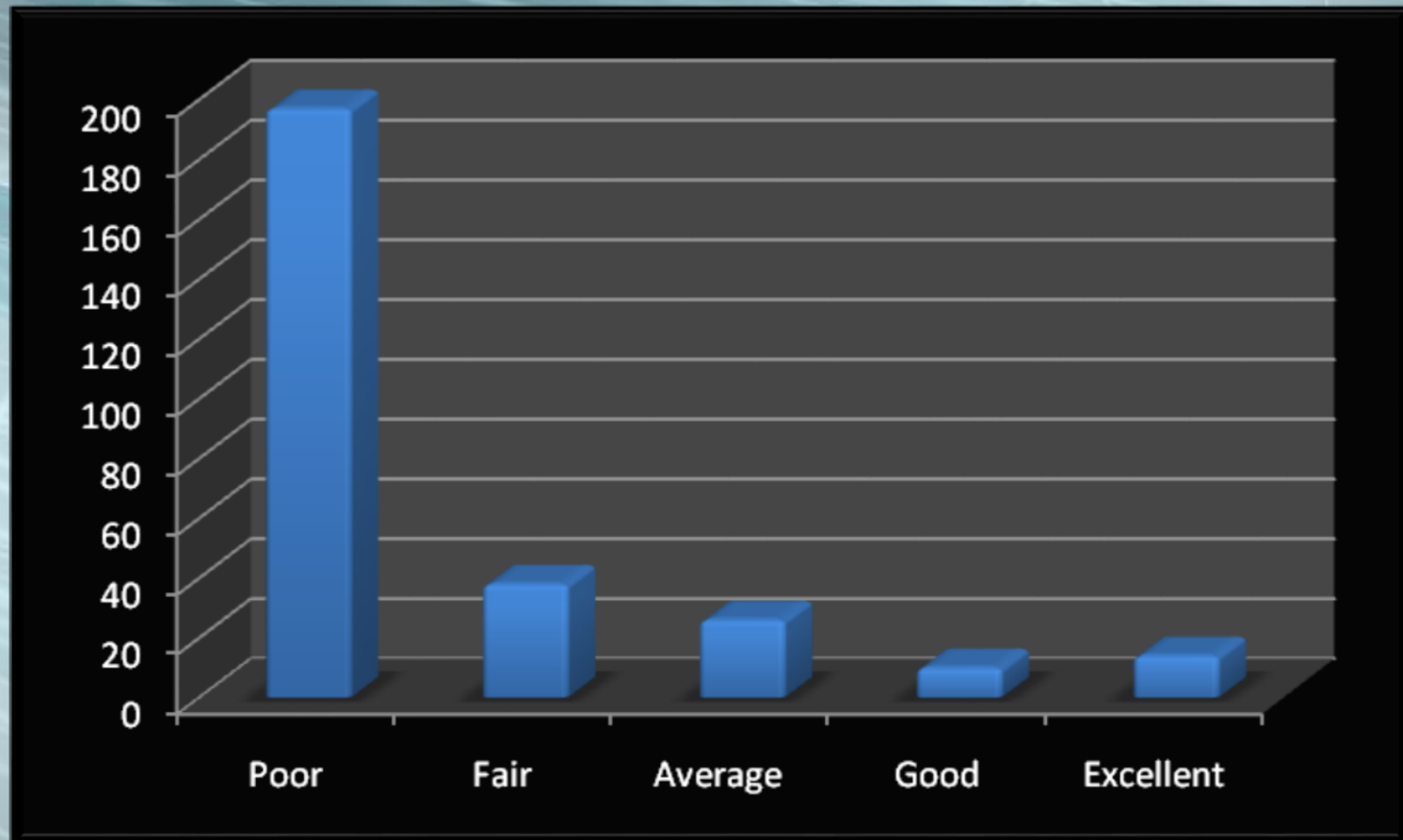
Conferences

Other

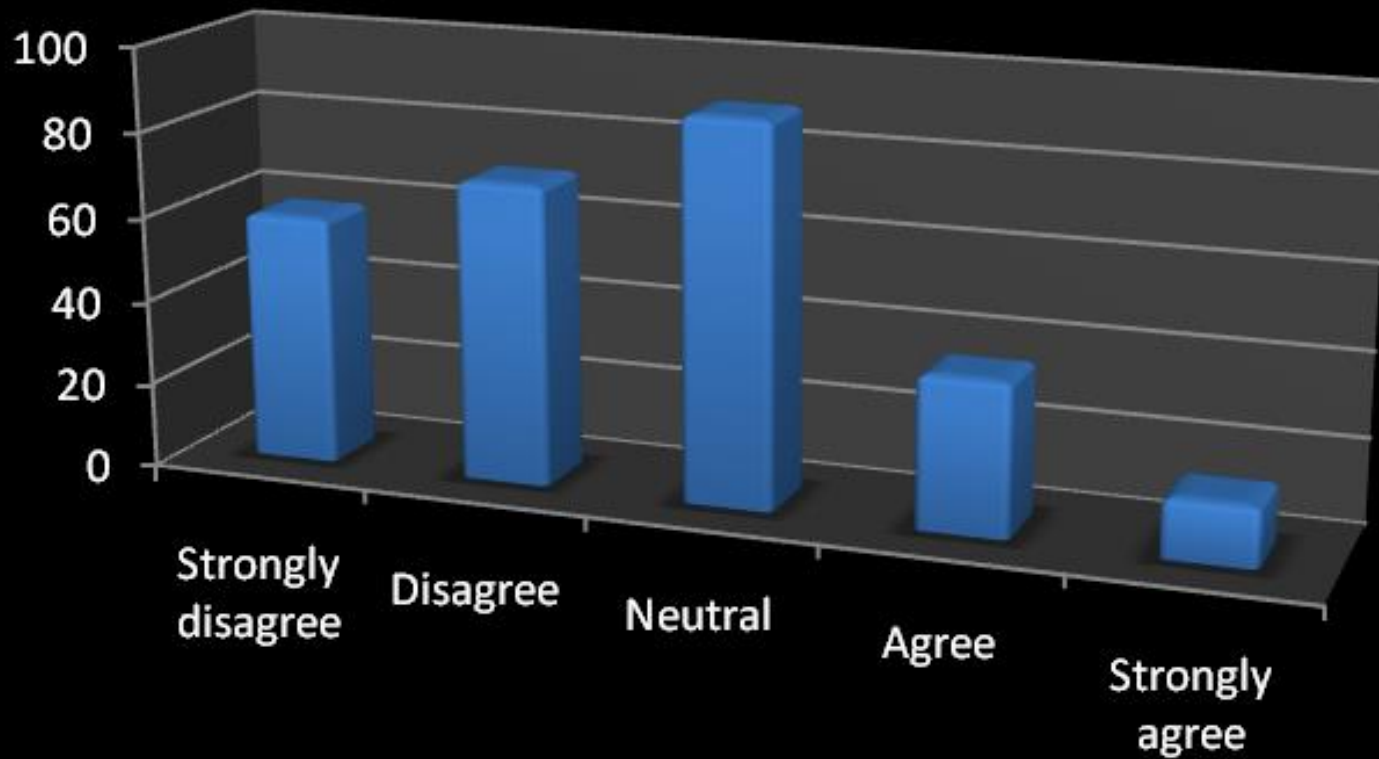
Level of interest in an easy and low cost way to conduct experiments 20 miles above the earth.



Level of Knowledge of Near Space

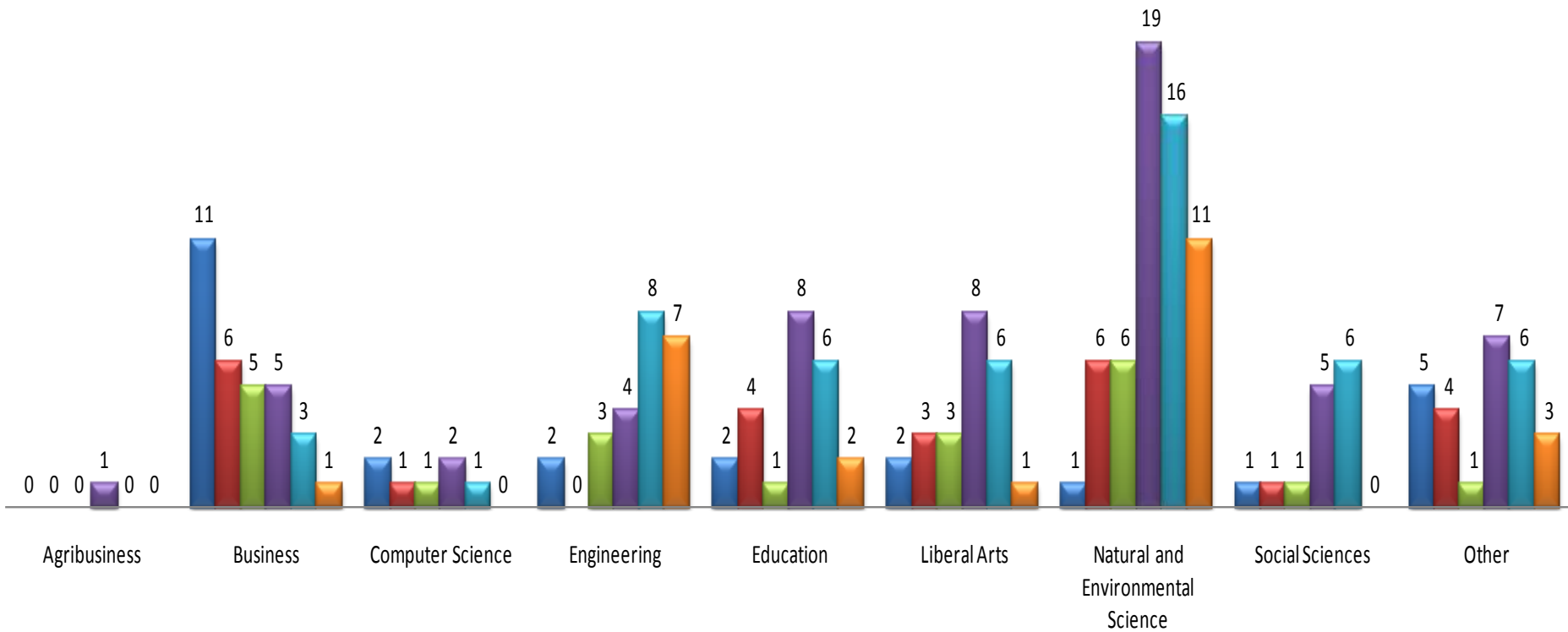


Near space or atmospheric study/understanding is a priority area of science education at your institution.



Department/Discipline and level of interest in easy and low cost way to conduct experiments 20 miles above the earth.

■ Strongly Uninterested
 ■ Moderately Uninterested
 ■ Mildly Uninterested
 ■ Mildly Interested
 ■ Moderately Interested
 ■ Strongly Interested



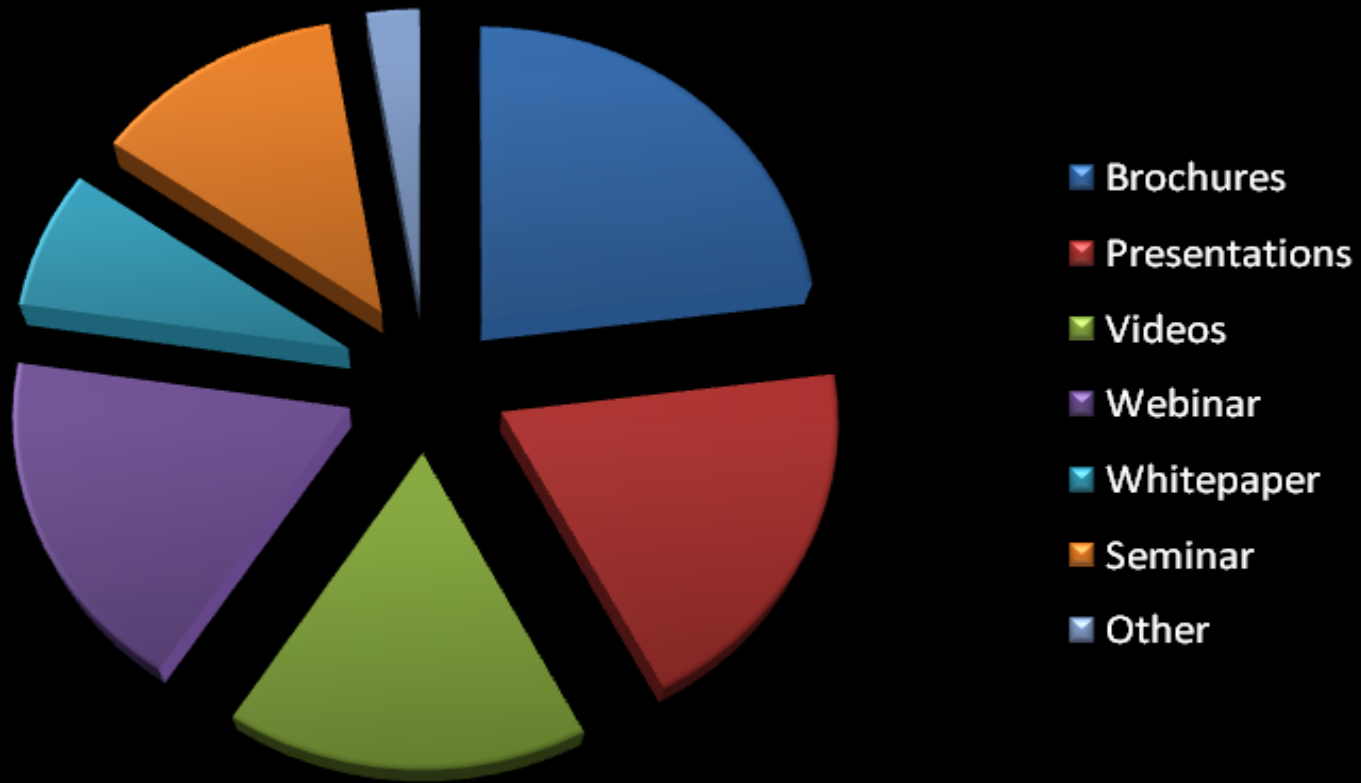
Concerns

- Funding: Where would you secure funding?
 - Department Funds 12.00%
 - Institution Funds/Grants 14.25%
 - External Grants **40.75%**
 - Sponsored Research 14.25%
 - Fundraising outside the institution 15.50%
 - Other 3.25%

Concerns

- Curriculum
- Support / Online Training

Disseminate information about high altitude ballooning



Expansion & Relevance

- Why is this important to me?
 - Cross Disciplinary Projects
 - Shared flights – spread the cost!
 - External funding

Acknowledgement

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