



# DCSG Consortium

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# Today

- About Howard
- People involved
- Past work
- Current work
- Impact

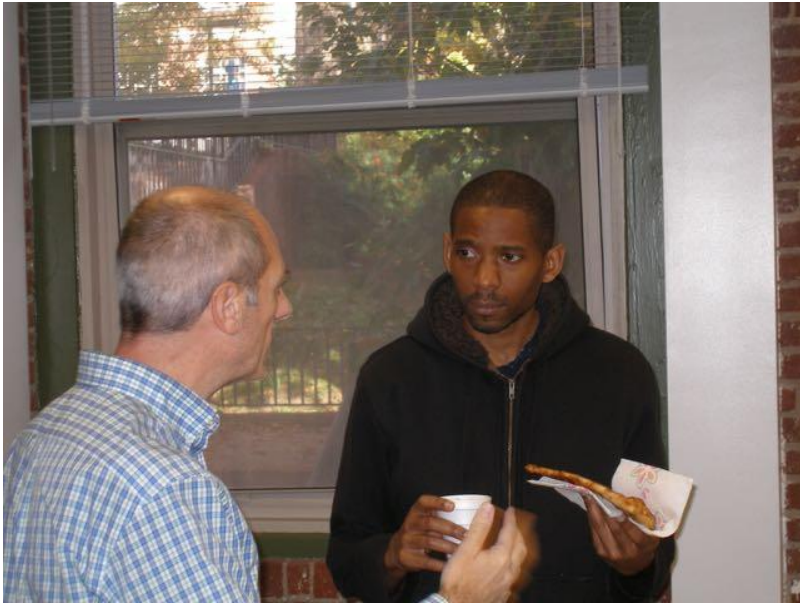
# About Howard

- 10,000 students (undergrads and grads)
- 12000 faculty
- Historically Black University
- Undergrad, graduate programs, and divinity, law, and medical schools.

# People involved

- About 20 undergrads
- 2 graduate students
- Physics, Biology, Electrical Engineering, Mechanical Engineering, and Computer Science
- Marcus Alfred, James Lindesay, Grant Warner, Charles Kim, Robert Muguzi
- NASA Goddard, Stratostar





# Past Work

- Student Rocksat C launch
- Summer 2014 sounding rocket
- Astrobiology project
- Attempted to collect dust particle samples up above 80 km
- Used tubing, very basic electronics, valves opening and closing at 80 km.
- 9 students involved.





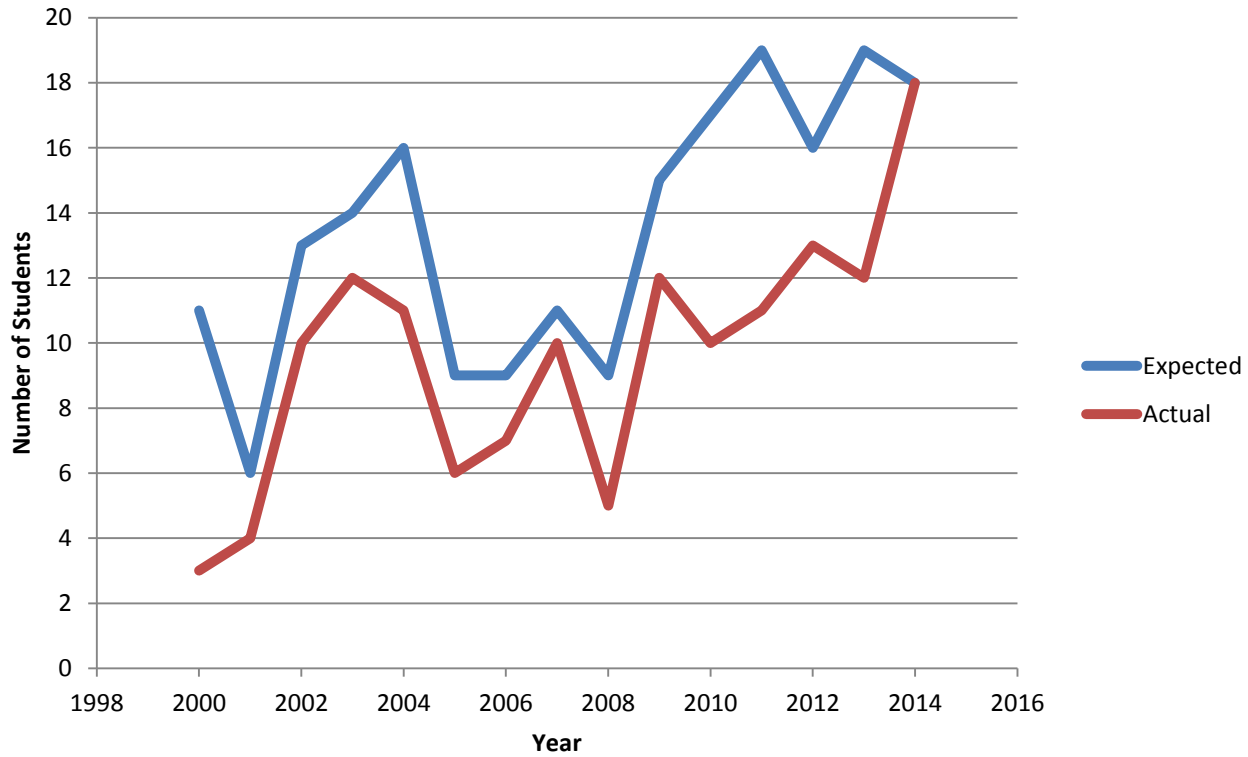


# Current Projects

- 20 students participating
- Balloon sat and balloon launch system with Stratostar
- Cubesat with NASA Goddard and private company – thermal image of the Earth
- Small ground station
- MIT Haystack telescope, Radio Jove

# Impact

## HU Physics Dept. Stability



# Thank you!

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