



# Alabama Space Grant Consortium 2015 Fact Sheet



**\$825K in NASA Program Funds | Over \$531K in Leveraged Funds**  
**55% of Space Grant Scholars & Fellows are from Alabama; 45% are from out of state**

## District 1 – Bradley Byrne University of South Alabama

- 6 Scholars, 1 Teacher Scholar & 1 Fellow
- Student Launch Competition
- Mobile Math Circle & Olympiad
- Research Experiences for Undergraduates

### Bishop State Community College

- 5 Pre-Engineering Scholars

### Faulkner State Community College

- 6 Pre-Engineering Scholars

## District 2 – Martha Roby

### Lurleen B. Wallace Community College

- 1 Pre-Engineering Scholar

## District 3 – Michael Rogers

### Auburn University

- 4 Scholars, 1 Fellow
- 1 Student Research Internship at MSFC
- Student Space Hardware Club
- Rover Challenge Competition
- Student Launch Competition
- CubeSat Team
- CubeSat Developers Workshop

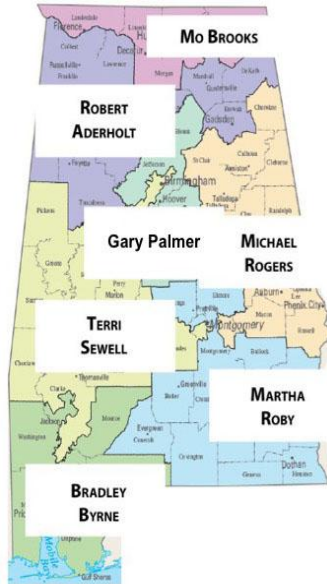
### Tuskegee University

- 8 Scholars
- Student Launch Competition
- CubeSat Team

## District 4 – Robert Aderholt

### Bevill State Community College

- 1 Pre-Engineering Scholar
- Rover Challenge Competition



## District 5 – Mo Brooks Alabama A&M University

- 4 Scholars & 1 Fellow
- Student Launch Competition
- Sounding BalloonSat Program
- Rover Challenge Competition
- Geosciences & Remote Sensing Workshop

### University of Alabama in Huntsville

- 2 Scholars, 2 Teacher Scholars & 1 Fellow
- BalloonSat Sr. Design Program
- Student Launch Competition
- Rover Challenge Competition
- State/Regional Science & Engineering Fairs
- Research Experiences for Undergraduates
- 3 Student Research Internships at LaRC, GSFC & MSFC
- Student Space Hardware Club (CubeSat, High Powered Rocket Launch, Sounding BalloonSat, Outreach Program, CanSat)
- Science Olympiad K-12 Competition
- BalloonSat Mentoring Workshops

### Calhoun Community College

- 3 Pre-Engineering Scholars

## District 6 – Gary Palmer | District 7 – Terri Sewell

### University of Alabama

- 9 Scholars & 1 Fellow
- Student Space Hardware Club (CubeSat, Aircraft Design, Sounding BalloonSat, Microgravity, Space Technology)
- Robotic Mining Competition
- Student Launch Competition
- SEDS Student Group
- Educator Teacher Summer Institute

### University of Alabama at Birmingham

- 3 Scholars, 1 Fellow
- Research Experiences for Undergraduates

### Lawson State Community College

- 1 Pre-Engineering Scholar

### Shelton State Community College

- Bridge Program to UA
- Robotic Mining Competition



[www.uah.edu/ASGC](http://www.uah.edu/ASGC) | [spacegrant@uah.edu](mailto:spacegrant@uah.edu) | (p) 256.824.6800

The University of Alabama in Huntsville | 301 Sparkman Dr., MSB 205 | Huntsville, AL

# Investing in Space Education

5 Program Areas: 48 Programs

Name	Programs	Participants
<i>Primary Programmatic Elements</i>		
Internships, Fellowships & Scholarships *	14	65
Higher Education (Includes Flight Hardware)	21	741
Research Infrastructure (REUs)*	5	76
<i>Secondary Programmatic Elements</i>		
Precollege	5	1,152
Informal Education	3	797

\*Total awards (NASA + Cost Share) directly disbursed to students is \$594,910 (\$325,500 for 6 student fellowships, 55 student scholarships, \$269,410 for 76 student REU's and 4 student interns).

## Scholarship & Fellowship Awardees by University

University	# of Students
Auburn .....	5
Alabama A&M .....	5
Tuskegee .....	8
University of Alabama .....	10
University of Alabama at Birmingham .....	3
University of Alabama in Huntsville .....	5
University of South Alabama .....	8
Community College Pre-Engineering Scholars.....	17
Total: 61	

45.9% Underrepresented groups (state population 33%) 34.4% Female.



**University of Alabama First Place Astrobotics Robotic Mining Team**



**Bishop State Community College BalloonSat Team**



**Alabama Space Grant Fellowship & Scholarship Awardees at NASA MSFC**



**Alabama A&M Rover Challenge Team at U.S. Space & Rocket Center**



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**Dr. John C. Gregory, Director | [gregoryj@uah.edu](mailto:gregoryj@uah.edu)**  
**Ms. Debora Nielson, Assistant Director | [debora.nielson@uah.edu](mailto:debora.nielson@uah.edu)**  
**Mrs. Rachael Damiani, Resource Manager |**