Massachusetts Space Grant Consortium Management

- Director - Jeff Hoffman
- Co-Director - Raji Patel
- Program Administrator - Helen Halaris
Member Colleges & Universities

1. Boston University – Supriya Chakrabarti
2. Bridgewater State College – Martina Arndt
3. College of the Holy Cross - Matthew Koss
4. Five College Astronomy Dept – George Greenstein
5. Framingham State College - Mary Liscombe
6. Harvard University- Josh Grindlay
7. Holyoke Community College – Joseph Stahl
8. MIT - Jeff Hoffman
9. Mount Holyoke College - Darby Dyer
10. Northeastern University – Randal August
11. Olin College of Engineering - Steve Holt
12. Roxbury Community College – Kyrsis Rodriguez
13. Tufts University – Danilo Marchesini, Chris Rogers
14. University of Massachusetts, Amherst - Robert Hyers
15. University of Massachusetts, Dartmouth - R. Fisher
16. Wellesley College - Dick French
17. Williams College - Jay Pasachoff
18. Worcester Polytechnic Institute - Nikos Gatsonis
19. Worcester State University – S. Swainathan. Frank
Institutional and Outreach Members

• McAuliffe Center - Mary Liscombe
• Museum of Science – Paul Fontaine
• Clay Center Observatory – Ron Dantowitz

Perkins School for the Blind – Cooperative activities for the past three years, but not yet formally an affiliate member.
MASGC Budget

• 1997 - $380K
• 2000 - $475K
• 2005 - $550K
• 2007 - $590K
• 2008 - $730K
• 2009 - $785K

Continued Growth Will Not Continue!
Massachusetts Space Grant
Accomplishments
2009-2011
77 student research fellowships from 17 MASGC academic affiliates.

Placed 12 students at NASA Centers
NASA Academies

• Four (GSFC, ARC, MSFC, GRC). Suffer from issues regarding leadership particularly at Goddard.

• Robotics and Propulsion also called academies.

• Combined application process no longer available.

• NASA Academies adhere to diversity policies which restrict the number of students from a given state. MA suffers from this policy. We have worked with NASA to change the implementation and will continue to press them on this issue.
7 Fall 2010/Spring 2011 Fellowships

- UMASS   2
- UMASS/DARTMOUTH  1
- MT HOLYOKE   1
- MIT       1
- WORCESTER STATE  2
### 77 SUMMER FELLOWSHIPS AT:

<table>
<thead>
<tr>
<th>Institution</th>
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<td>HCC</td>
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<tr>
<td>Northeastern</td>
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<td>Harvard University (1 at NASA Center)</td>
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WE HOPE TO CONTINUE FUNDING ~ 80 FELLOWSHIPS ANNUALLY

Depending on:

Amount of funds available
Timing of release of funds by NASA
Higher Education Programs

Reduced Gravity Flights

JOIE – Engineering design program at KSC
Other Opportunities available to Consortium Members

• Support of speakers for public outreach.
• Support of curriculum development or other course activities.
• Conference travel for students to present papers.
• Participation in Balloon and Rocketry Workshops
Pre-College and Outreach Programs

- Science Club for Girls
- STS-135 SSEP Project
- MA State Science Fair
- K-12 Teacher Development
- Annual Public Lecture
- MA STEM Summit
- MoS Hayden Planetarium Teacher Training
MA Summer of Innovation included summer projects in space habitats, robotics and rocketry held at:

- Da Vinci Divas - UMass Medical School
- Living in Space - Tufts Univ. / Challenger Ctr.
- You Go Girl - Edgerton Center
- STEM in Aerospace - Worcester Polytech
- Talented Latinos - UMass Boston
- Zero Robotics - MIT / MA Afterschool Partnership
<table>
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Moon Habitat