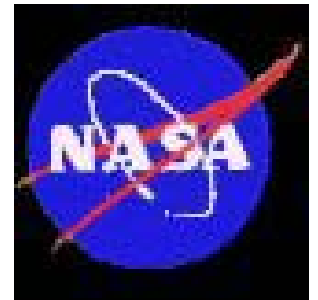




# Vermont Space Grant Consortium

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NE Regional Space Grant Meeting  
June 2-4, 2011





# Affiliates

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[The University of Vermont](#)

[Saint Michael's College](#)

[Vermont Technical College](#)

[Norwich University](#)

[BTC/AviationTechnology](#)

[Vermont Aerospace and Aviation Assoc](#)

[Vermont Flight Academy](#)

[Vermont Mathematics Initiative](#)

[Fairbanks Museum and Planetarium](#)

[State of Vermont's Lieutenant Governor](#)

[Triangle Metal Fabrication, Inc.](#)

[MicroStrain](#)

[Archimedes Aerospace, LLC](#)

[Montshire Museum](#)



# Supported Interns & Groups

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- Doug Bowman, NASA GSFC Boot Camp \$6,500
- Andrew Lutz, LaRc summer internship \$6,500
- Student travels, Symbiotic Sensing System – Gateway, \$4,500 & Frozen Landscape Monitoring, \$1,500
- VSGC endorsed application of the Shelburne Community School to the Summer of Innovation Mini-Grant – 3 week program
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# Student Success Stories

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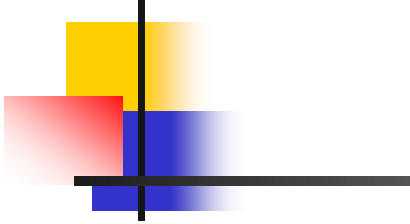
- Evan Malina, URECA and graduate student, has been hired by Boeing, Everett, WA as a Structural Engineering on the Boeing 787 (Dreamliner) and their other large aircrafts.
- Ben Greenfield, who worked on our undergraduate projects and Research GRA, has been hired by an Engineering company in Colchester, VT.

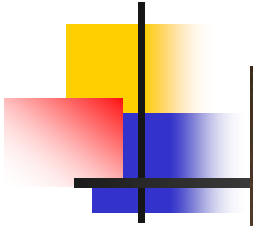


# Events and Activities

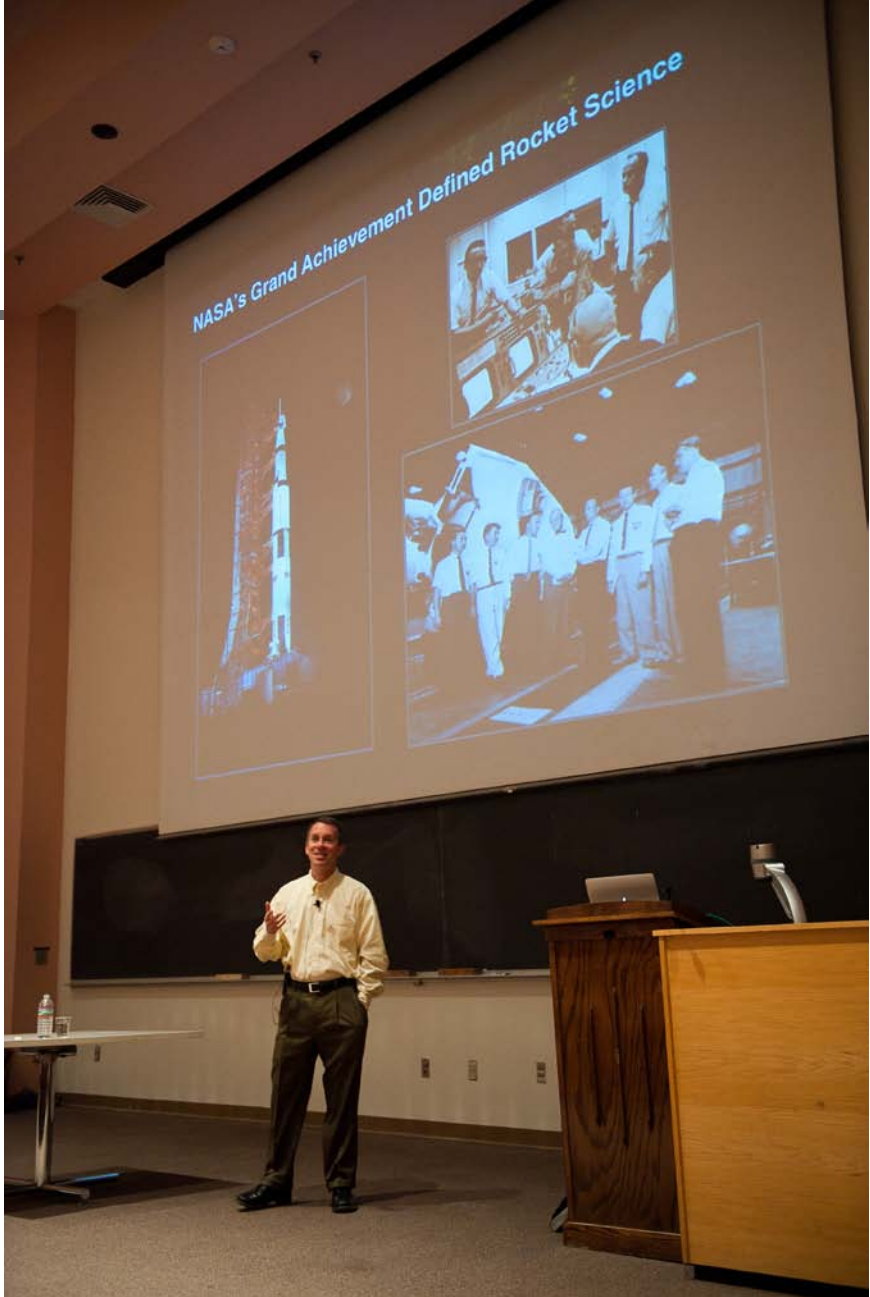
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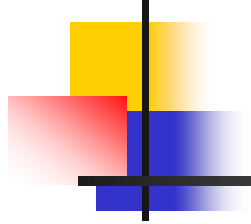
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# Vermont CubeSat Lunar Lander Project

## SG 2009 Consortium Development Competition

- All VTSGC Academic Affiliates Involved
  - Prof. Carl Brandon, VTC - Science PI, CubeSat development, software, and fabrication
  - Profs. Ron Lessard & Daner Friend, Norwich – Autonomous navigation
  - Prof. Jeff Frolik, UVM – Wireless coordination of components
  - Prof. Jun Yu, UVM – Low energy transfer trajectories
  - Prof Zsu Kadas, SMC – SMC Student Researchers Coordinator
- Extensive Grad and UG student involvement
- Granted a NASA launch opportunity to test components in 2012



# Events and Activities

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- We were granted a NASA Shuttle Tile!
- Congressman Peter Welch wrote a letter of strong support for National Space Grant funding for FY12.
- Senator Patrick Leahy has also written a strong letter of support.



# Events and Activities

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- Brian Dubie remains on our Advisory Board and is an appointed Ambassador to Canada by Governor Shumlin.
- He is still National Chair of the Aerospace States Association and the Vermont Aerospace States Association.