



the 18TH Annual Frank J. Redd

STUDENT SCHOLARSHIP COMPETITION

Named after Frank J. Redd, PhD, the founder of the AIAA/USU Conference on Small Satellites, the Student Scholarship Competition provides students with the opportunity to share their work on small satellite concepts and missions. Scholarships are awarded to competition finalists presenting at the AIAA/USU Conference on Small Satellites. The number and dollar values of the scholarships are determined on a yearly basis, although past scholarships have ranged from \$500 (honorable mention) to \$10,000 (1ST place).

PAPERS MAY BE PRESENTED ON RELEVANT STUDY & RESEARCH RELATED TO:

- Small satellites, their subsystems and payloads
- Mission concepts
- Related infrastructure (launch vehicles or ground systems)

Concepts (actual or proposed) may include hardware, uniquely applicable software, or mission results that serve to advance the state of the art or broaden the application of small satellites.

ERIN BECK: 2007 3RD PLACE (\$6,000)

Washington University in St. Louis

Currently: mission integrator for the NASA COTS program, SpaceX

"My participation in the Frank J. Redd Student Paper Competition was a turning point in my professional career; by sharing my experience on the Bandit/Akoya system, I transitioned from student to participant in the industry. It is humbling and gratifying that nearly every conference participant attends the Student Paper Competition, demonstrating the community's enthusiastic support for student development.

As a result of my third place finish in 2007, I was invited to join the Technical Committee of the ESA 4S Symposium, for which I participated in the paper selection process, co-chaired the Academic Session, and, most rewarding for me, organized the overall 'student experience' for young engineers at the Symposium. My reward check funded my European travel for the event and the preparation meeting; it directly enabled me to take advantage of this amazing opportunity. I am a returning member of the Tech Committee for 2010, and am very excited to continue promoting international collaboration in the small satellite industry.

The Redd Scholarship program is an invaluable part of the small satellite student experience, one aspect of developing the strong new base of well-rounded aerospace engineers."





MARCIN PILINSKI: 2009 1ST PLACE (\$10,000)

University of Colorado, Boulder
 Currently: graduate student, Aerospace Engineering Sciences
 Department, Remote Sensing and Space Science

"The Redd Scholarship was a great way for me to get my research out to the community while helping me fund my studies at the same time! Furthermore, I was given the opportunity to interact with knowledgeable professionals in government and industry and get excellent feedback on my work.

The staff and judges were professional, friendly, and helpful putting together an incredibly well-organized event. The competition helped me in my academic career and increased my contacts with possible future employers.

I would recommend any student doing research related to small satellites to apply for this competition."



ELIGIBILITY

Participation is open to all full-time undergraduate and graduate students pursuing a degree in an engineering or scientific discipline at an accredited college or university. Interested students or advisors should visit the Small Satellite website at www.smallsat.org/students for complete competition rules and guidelines.

PAPER SELECTION

A panel of judges drawn from industry, academia and government score each paper with the top six selected for presentation at the 2010 Conference. Following presentation, the final scores are tallied and the Student Competition results are announced at the Conference Awards Ceremony.

PAPER SUBMISSION

An electronic copy of the paper, in PDF format, must be submitted by email on or before April 13, 2010 with Author Information Sheets due by April 14, 2010.

FOR MORE INFORMATION

Visit www.smallsat.org

Or contact Stephanie Halton at stephanie.halton@usurf.usu.edu or (435) 797-4318

