



## RASC-AL Forum 2007

The Revolutionary Aerospace Systems Concepts Academic Linkage (RASC-AL) is an initiative of NASA and the Universities Space Research Association (USRA), <http://www.sop.usra.edu/rasc-al/about.shtml> . The RASC-AL program links universities and the NASA Langley Research Center's (LaRC) Revolutionary Aerospace Systems Concepts (RASC) program. With this synergy, NASA can communicate with the innovative minds of tomorrow and obtain concepts and technology that will lead to opportunities for future NASA research and programs.

The principal activity of RASC-AL is an annual conference at which students will present the results of their studies to a professional audience. The RASC-AL Forum 2007 was held on May 20–24, 2007, at Moody Gardens Hotel, Spa and Convention Center, Galveston, Texas. The RASC-AL Forum provides an opportunity for student design teams to present revolutionary design projects to peers and representatives from NASA and industry. The organization of the Forum includes a combination of student team oral and poster presentations and technical presentations from NASA, industry, and university professionals.

Clarkson University RASC-AL Team (Wade E. Bartlett, Andrew T. Bingham, Stephen D. Caron, Myles M. Farrell, Robert T. Fievisohn, Sean D. Moore, Daniel N. Valyou, Kate M. Wickswat, Robert A. Zilnicki, Advisors: Piergiovanni Marzocca, Daniel Valentine) was among the top 10 teams selected to participate to the RASC-AL Forum 2007. CU Team is also part of the SPEED program. In addition to the support received from SPEED, CU RASC-AL 2007 team has been awarded \$5,000 from the Universities Space Research Association (USRA) to participate to the forum.

The team presented a project titled: “Manned Missions to Near Earth Objects Using Exploration Systems Architecture Study Hardware” and their entry has been recognized as very innovative. Among the other participating teams: University of Washington (2), University of Maryland (2), University of Michigan (2), Colorado School of Mines, Worcester Polytechnic Institute, National Institute of Aerospace/Georgia Tech.

Congratulation CU RASC-AL 2007 Team!



Getting ready for the presentation



At the FORUM



Clarkson University RASC-AL 2007 Team



At the poster session



Party time!



NASA JSC Visit



Coming back home!