



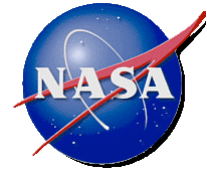
ANNOUNCEMENT

CALL FOR STUDENT DESIGN TEAMS NASA/TSGC DESIGN CHALLENGE PROGRAM

NASA PROJECTS & MENTORS – PROJECT FUNDING – CONFERENCE PRESENTATION – SCHOLARSHIPS

UP TO \$1,300 IN PROJECT FUNDING AVAILABLE PER TEAM
\$10,000 IN SCHOLARSHIP AWARDS DISTRIBUTED TO TEAMS ANNUALLY

Sponsored by NASA and administered by the Texas Space Grant Consortium, the **TSGC DESIGN CHALLENGE** is a unique academic experience offering undergraduate students an opportunity to propose and design a solution to a topic of importance to NASA and its mission.



DESIGN CHALLENGE topics are submitted by researchers currently at work on projects of interest to NASA or its contractor community. Student teams work on the topic of their choice over the course of one or two semesters during which they: work with a NASA mentor; engage in scientific research and hands-on engineering design; explore NASA-affiliated career opportunities; gain experience in meeting presentation, outreach activities and website design. Funding is provided to offset the cost of design project expenses and project-related travel. Opportunities to earn Scholarship Dollars exist.

**TEXAS SPACE GRANT WILL ACCEPT ELECTRONIC DESIGN BRIEFS FROM INTERESTED TEAMS FOR THE
SPRING 2012 SEMESTER
JANUARY 09 – JANUARY 23, 2011**

Using the on-line Design Brief, teams will submit information to introduce the team and specify their first and alternate choice for a design project topic from the Topics List posted to the Design Challenge website. Team selection for participation is not competitive in the traditional sense, but is instead based upon program capacity, project availability and timely submission of the Design Brief.



Schedule and Overview: Teams complete a series of design milestones, called Levels and Option Areas, to earn project and scholarship funds. One or two semester projects are available.



Teams are composed of undergraduate students enrolled in a required course or approved for independent study. All participation must be for credit and all teams must work alongside a faculty advisor. A mentor, from a NASA-affiliated research unit, will be provided for each team. Minimum team size is three members; maximum size is six-members.



Topics are offered from a broad range of NASA interest areas, research groups and contractors. Each team is required to select one primary and one alternate topic choice from the list of available topics posted to the DESIGN CHALLENGE website [www.tsgc.utexas.edu/challenge]. Variations to posted topics may be submitted for approval.



Awards and Recognitions: Incentives include: project and travel funding, team scholarships, educational materials, certificate of participation, program t-shirt and patch. The design experience culminates with the DESIGN CHALLENGE SHOWCASE where teams meet in Houston to present their project results to members of the academic and professional community.



Participation Details: Topic descriptions, program information, guidelines and forms may be viewed and downloaded via the DESIGN CHALLENGE website: <http://www.tsgc.utexas.edu/challenge>. Contact the DESIGN CHALLENGE Program Administrator, Debbie Mullins [mullins@tsgc.utexas.edu/512-471-7390] for additional information.

**JUST
IT'S NOT ROCKET SCIENCE**