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Subject: PISCES Student Design Competition Opportunity
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PISCES (The Pacific International Space Center for Exploration Systems) is pleased to announce its second annual competition for designs related to the development of lunar outposts. The first competition was a roaring success, with support provided to three university teams (University of Colorado, Boulder; Colorado School of Mines; Honolulu Community College) to present their design work at the PISCES Annual Conference in Hilo, Hawaii, November 7-8, 2007. NASA is providing additional support for the competition this year, which will allow up to 6 teams to be supported for a presentation in Hawaii, November 10-11, 2008. Details on the program can be found on the PISCES web site <http://pisc.es.uh.hawaii.edu/>. Full details of this year's competition should be posted by December 14, but the gist of the idea can be seen by looking at the announcement for last year. The program continues to look for design projects dealing with lunar outposts and their subsystems, and particularly in the area of lunar resource utilization, where NASA has requested design studies that address the possibilities for extracting water from permanently shadowed craters near the lunar poles. In addition, business students can submit business plans aimed at developing commercial opportunities for a lunar outpost or for a simulated outpost on Earth.

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