Girls Lock-In Conference; Summer Solutions 2005

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### Abstract

To promote diversity and increase the number of minority graduates entering our nation's engineering and science workforce. To support the national science and mathematics educational agenda by ensuring that all students are mathematically and scientifically literate so they can play a leadership role in an increasingly technical world.
Girls “Lock-In” Conference’s
*November 12-13, 2004; 7 students
*February 25-26, 2005; 31 students
The conferences gave the students the opportunity to camp out in a residence hall, learn more about studying math, science, and engineering at UMR, meet other perspective and current students, learn tips for financial aid and admission, and participate in team projects. The conference was designed by students who are members of the UMR Society of Women Engineers (SWE) and the Women in Engineering and Science Program.
UMR Society of Women Engineers (SWE) students participated in the National and Regional conferences which are the major events for SWE and one National is one of the largest technical and career conference for female engineers in the country. Each year, the conference attracts nearly 5,000 engineering professionals, students and corporate representatives. The conference is an opportunity for engineering companies and corporations to recruit top talent from SWE membership. It also provides educational, technical and career opportunities for professional and student engineers.

**Summer Solutions Camp**
July 18 – 22, 2005 (actual number of participants will be provided after program)
The 4th Annual Summer Solutions Camp will be held in July 2005 to peek the interest of approximately 50 freshman and sophomore high school girls in engineering and science. The one-week program is designed to enable female students to obtain a clear picture of engineering and science as a profession. Several hands on projects are planned to help the students learn more about career options and the demand faced in the fields of engineering, math, and science.