The Engineering Forensics Research Institute (EFRI) at Rose-Hulman Institute of Technology is seeking undergraduate engineering students for the coming summer of 2004 to join their National Science Foundation-funded Research Experience for Undergraduates (REU) program.

EFRI-REU projects will be conducted by teams of students under the guidance of a faculty expert working on real engineering problems related to an engineering failure or related forensic issue. This REU site provides a unique opportunity for students to
- Select a project based on their interests
- Work with industry or government clients who are excited about sponsoring their work and are in need of immediate research to assist in solving a real engineering problem
- Work closely with faculty who emphasize working side-by-side with undergraduate students as part of a research team
- See a project through from its birth to publication
- Learn about forensic engineering and engineering research through a short course offered as part of the REU
- Meet with forensic and ethics experts who will visit EFRI for a presentation and interaction with student teams
- Make a trip to a major city to visit forensic engineers, a graduate school, and a research institute on location and learn about the day-to-day operations of their organizations

The program is open to students in civil engineering, material science, mechanical engineering, and engineering mechanics. Projects for the coming summer will likely be focused in geotechnical engineering, structural engineering, and water resources engineering. Each project, however, will include work in the fundamental mechanics of these systems, so engineering mechanics, material science, and mechanical engineering students with an interest in particulate, fluid, or structural mechanics and materials will find the program fruitful. It is likely most of the projects will also involve composite materials, so students with an interest in composite material behavior are also encouraged to apply. Program details, an application and other information may be found on the EFRI web page at http://www.rose-hulman.edu/~sutterer/EFRI/efri_reu.htm.

**Deadline for postmarked applications is February 27, 2004.** Student invitations to EFRI will be issued after March 15.

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