UNIVERSITY OF MINNESOTA

Supercomputing Institute
for Digital Simulation and Advanced Computation

Undergraduate Internship Program in
Scientific Computing and Graphics
Summer 2004

The Supercomputing Institute for Digital Simulation and Advanced Computation is pleased to announce an Undergraduate Internship Program for Summer 2004 for undergraduate students.

Projects are available in the following areas:

Aerospace Engineering and Mechanics; Astronomy; Biochemistry; Biomedical Engineering; Chemical Engineering and Materials Science; Chemistry; Civil Engineering; Electrical and Computer Engineering; Geology and Geophysics; Materials Science; Mathematics; Mechanical Engineering; Physics; Veterinary Pathobiology

The focus of the program is the application of computational approaches and visualization methods to supercomputing research. This includes digital simulation and advanced computation and all aspects of high-performance computing and scientific modeling and simulation as well as graphics, visualization, informatics, and high-performance network communications.

Interns work with faculty members and their research groups on projects using high-performance computing environments to address problems in science and engineering that could not otherwise be attempted. This program provides an opportunity for a challenging and enriching educational experience for undergraduate students interested in pursuing graduate or professional education.

Full-time, 10 weeks   June 14 through August 20 $4,600 Stipend

Interns are responsible for their own travel and living expenses. Interns must be undergraduates at the time of the internship and must be citizens or permanent residents of the United States and its possessions. Complete information about the program, including specific research areas and application instructions, is on our Web site:

www.msi.umn.edu/general/Programs/uip/

For additional information, contact the Undergraduate Internship Coordinator, University of Minnesota, Supercomputing Institute, 599 Walter, 117 Pleasant Street SE, Minneapolis, Minnesota 55455.
Phone: (612) 626-7620. Email: uip@msi.umn.edu.

Deadline for applications is March 1, 2004