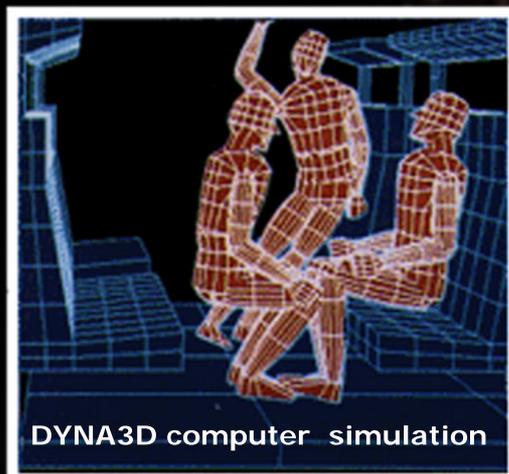
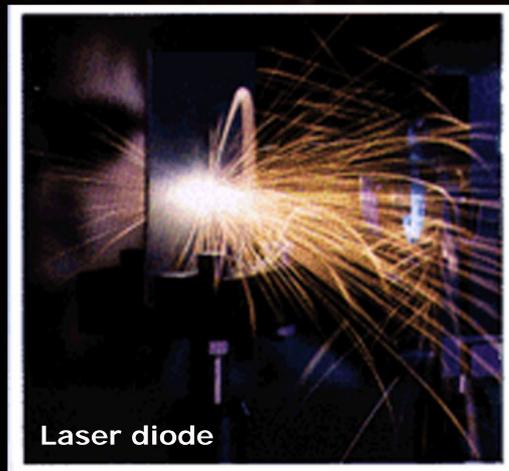


# Summer 2004

Outstanding science and engineering students are invited to apply for

# Undergraduate Summer Institute



The Undergraduate Summer Institute on Contemporary Topics in Applied Science brings college science and engineering students from across the nation to Lawrence Livermore National Laboratory (LLNL) for a rare opportunity to study "big science" at one of the world's pre-eminent applied science research centers.

Successful applicants will work as Summer employees at LLNL for ten weeks, beginning on June 2nd or June 30th, 2004. For eight weeks of their ten-week stay, each student will work on a technical project within their own specific academic discipline.

For two weeks from July 12-23, 2004 Summer Institute students will participate together in a workshop featuring lectures by LLNL scientists, panel discussions and Lab tours.

Technical subject areas for student assignments and workshop lectures include:

- \* Laboratory x-ray lasers
- \* Free electron lasers
- \* Computational modeling
- \* Surface and interface science
- \* Solid state chemistry and physics
- \* Precision engineering
- \* Laser fusion
- \* Magnetic fusion
- \* Computer science
- \* Metallurgy
- \* Energetic materials
- \* National security

These lectures and projects are supplemented by informal discussions and tours of LLNL, as well as extracurricular and social activities.

This work was performed under the auspices of the U.S. Department of Energy by the University of California, Lawrence Livermore National Laboratory under Contract No. W-7405-Eng-48

Outstanding students majoring in physics, chemistry, materials science, engineering, or related fields, who will be seniors in Fall 2004, are invited to apply.

Appointments include round-trip travel and a salary of \$19.00 - \$22.00/hr for the 10 weeks of the Summer Institute program. U.S. citizenship required.

Apply via the web:  
<http://www-cms.llnl.gov/usi>

Deadline for application  
January 1, 2004

For more information contact:  
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University of California



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