

Quarknet/Calspace

SCIPP/UC Santa Cruz High School Summer Internship

June 25-July 28, 2006

Quarknet/Calspace provides dedicated students with a unique opportunity to work side-by-side with outstanding researchers and university faculty. This one of a kind course covers topics in physics that extend far beyond the typical high school curriculum.



A great way to make money (up to a \$1,500 stipend) while learning and gaining valuable experience.

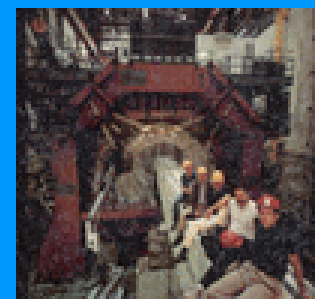


During this five week course, you have the option to live at the dorms on the beautiful UC campus in sunny Santa Cruz!



Conduct experiments and work closely with professors and staff on:

- Learning about elementary particles and astrophysics.
- Building and testing scintillation counters.
- Measuring muon lifetimes.
- Understanding and working with electronics.
- Testing silicon strip detectors.
- Web design.



• Visit local research centers, such as the *Stanford Linear Accelerator Center*

For more **INFORMATION** and **APPLICATIONS** for Quarknet/Calspace, visit our webpage at <http://scipp.ucsc.edu/outreach/Students.html>.