High-Energy-Density Physics Summer Student Program 2019

The High-Energy-Density Physics (HEDP) Summer Student Program prepares graduate and undergraduate students for experimental, theoretical, and computational research in many disciplines, such as:

- Astrophysics
- Hydrodynamics
- Turbulence
- Plasma physics
- Inertial confinement physics
- Radiation/particle transport

Each year, about two to three dozen students join this dynamic environment. Each is assigned a research mentor and a project that coincides with the student's research interests. The interns have the opportunity to interact with staff scientists, give oral presentations, and learn about other interesting research at LLNL. Internships are available for three-month time frames during the summer.

Interns use state-of-the-art research facilities including lasers, pulse power machines, and massively parallel supercomputers. The student employee program includes a summer lecture series and other technical and social activities.

Visit their website at [https://wci.llnl.gov/careers/students](https://wci.llnl.gov/careers/students) to see sample projects for the last two years, as well as to apply.