

Los Alamos National Laboratory

Co-Design Summer School

The Co-Design Summer School is a 10 week program between mid-May to mid-August. This summer school will select six graduate students from different backgrounds in high-performance computing, applied mathematics, and domain science (dependent on yearly topic). Students are required to be enrolled in a graduate program and must be able to work on-site at Los Alamos National Laboratory (LANL) in Los Alamos, New Mexico. A 10-week salary will be offered of \$9-12k. This program acts as a pipeline toward many other opportunities at this premier research institution.



Scan the QR code to learn more or visit lanl.jobs



What is Co-Design?

A major problem for computational science is the rapid evolution of computing architectures paired with the specialization in domain science. This means that it is impossible for a single individual to cover all of the skills needed to solve modern computational science challenges. Co-Design bridges this space through interactions between members of an interdisciplinary team, bringing the needed skill-sets from different domain and computational sciences. With the right overlap of skills, team members can communicate with each other effectively to solve a specific problem.

Past Subjects

- Code Portability and Core Collapse Supernovae.
- Tabulated Equation of State.
- Accelerated Molecular Dynamics.
- Neutron Star Mergers at scale.
- Quantum Molecular Dynamics.
- AMR for Hydrodynamics Simulations.

Apply

Apply between September and January
Watch for updates on **codesign.lanl.gov**



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