Students, start your career before you even graduate! Join us at the Lab, where we solve national security challenges through scientific excellence. This means working in national security, energy, healthcare, engineering, and more.

The Information Science & Technology Institute (ISTI)'s summer programs for students address emerging challenges in national security**:**

- ### Parallel Computing Research Internship
  Get a foundation in modern high-performance computing (HPC) and research real problems encountered in large-scale scientific codes.
  Target Student: Upper-level undergraduate and early graduate students
  More: https://parallelcomputing.lanl.gov

- ### Supercomputer Institute
  Learn the basics of high-performance computing system administration by executing real-world projects on computer clusters you assemble and configure.
  Target Student: Upper-level undergraduate and early graduate students
  More: https://clustercomputing.lanl.gov

- ### Co-design School
  Work on a team research project related to computational co-design, such as novel programming models on a specific application like hydrodynamics and molecular dynamics.
  Target Student: Upper-level graduate students
  More: https://codesign.lanl.gov

- ### Data Science at Scale School
  Work with computer and application scientists to work on data-intensive science problems of interest to the laboratory, with a particular focus on using big data technologies.
  Target Student: Upper-level undergraduate and graduate students
  More: https://datascience.lanl.gov

- ### Cyber Security School
  Prepare for your cyber security career by joining one of two tracks: incident response to learn the necessary concepts and skills to investigate cyber security incidents, or research to develop innovative solutions to address national cyber threats.
  Target Student: Upper-level undergraduate and graduate students
  More: https://cyberfire.lanl.gov/school

- ### Applied Machine Learning Research Internship
  Apply machine learning methods to real-world scientific data analysis problems via team research projects.
  Target Student: Graduate students
  More: https://aml.lanl.gov

- ### Quantum Computing School
  Gain exposure to the theoretical foundations of quantum computation and become skilled at programming commercial quantum computers, such as those developed by D-Wave Systems and IBM.
  Target Student: Upper-level undergraduate and early graduate students
  More: https://quantumcomputing.lanl.gov

For more information and to apply, visit https://isti.lanl.gov/.