

OBJECTIVES

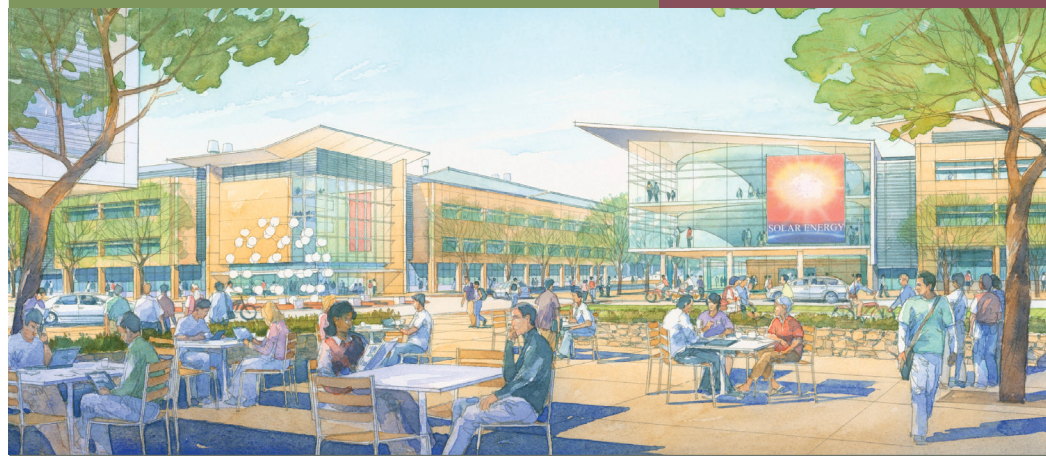
- Enhance the two laboratories' national security missions by substantially increasing engagement with the private sector and academic community.
- Stay at the forefront of the science, technology and engineering fields.
- Ensure a quality future workforce by expanding opportunities for open engagement of the broader scientific community.

For more information contact the Lawrence Livermore National Laboratory Public Affairs Office at 925-422-4599, or Sandia National Laboratories/California Public Affairs Office at 925-294-2447.

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SCIENCE TECHNOLOGY ENGINEERING



LIVERMORE VALLEY open campus

Lawrence Livermore and Sandia national laboratories, working collaboratively to create an open research and development space.



LIVERMORE VALLEY OPEN CAMPUS

With the support of the U.S. Department of Energy's National Nuclear Security Administration and Office of Science, Sandia National Laboratories/California and Lawrence Livermore National Laboratory are working collaboratively to create an open, unclassified research and development space called the Livermore Valley Open Campus (LVOC). These laboratories have a range of programs that focus on complex problems of national importance and have benefited from participation by colleagues in academia and industry.

The motivation for the LVOC stems from current and future national security challenges that require increased coupling to the private sector in order to understand threats and deploy solutions in areas such as energy and environmental security, economic security, cyber security, high performance computing, and non-proliferation.



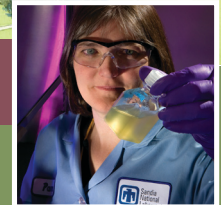
30-year conceptual build out

RESEARCH OPPORTUNITIES



Research areas will include such diverse fields as: transportation, energy, climate, high performance computing, high energy density science, inertial fusion energy, cyber security, hydrogen materials, antineutrino physics, biosciences, and microscopy.

These activities will be supported by core institutional competencies, well established expertise, and world-class facilities such as the Combustion Research Facility, Terascale Simulation Facility, and the National Ignition Facility. Targeted academic alliances and industrial partnerships also are envisioned to help foster research collaborations and domestic and international educational opportunities.



The LVOC will be modeled after research and development campuses found at major industrial research parks and other U.S. Department of Energy laboratories with campus-like security, with a set of business and operating rules devised to enhance and accelerate international scientific collaboration and partnerships with U.S. government agencies, industry and academia.

As currently envisioned, the LVOC will consist of an approximately 110-acre parcel along the eastern edge of the Sandia and Livermore Laboratory sites bordering Greenville Road.