



The Future Is Here

Lawrence Berkeley National Laboratory, or Berkeley Lab, has always been a forward-thinking place.

We are part of the U.S. Department of Energy's national lab network and are managed by the University of California. We are a world center for basic and applied research. Our work is at the forefront of physics, chemistry, computing, biology, Earth and environmental science, energy technologies, and cosmology.

Berkeley Lab pioneered the "big team" science approach, which creates strongly integrated teams from many scientific disciplines. The teams have built national user facilities that make it possible for thousands of researchers to make new discoveries. They design and build the most powerful microscopes, the brightest X-ray light sources, and the most efficient particle accelerators. They create the most advanced algorithms so scientists can take advantage of the Lab's world-class high performance computing facility. With this "big team" science approach, our researchers have the tools to continue the discoveries in energy science and technology that defined the 20th century and are essential for the 21st. ►

Berkeley Lab at a Glance

A U.S. Department of Energy National Laboratory
Managed by: University of California
Headquarters: Berkeley, California
Director: Dr. Michael Witherell

Berkeley Lab Total Costs for FY2016

\$860 Million (estimated)

Berkeley Lab by the Numbers

4,100 Employees including 486 Post Docs representing 50 nations

13 Nobel Prizes

13 National Medal of Science recipients

2,474 New inventions since 2000

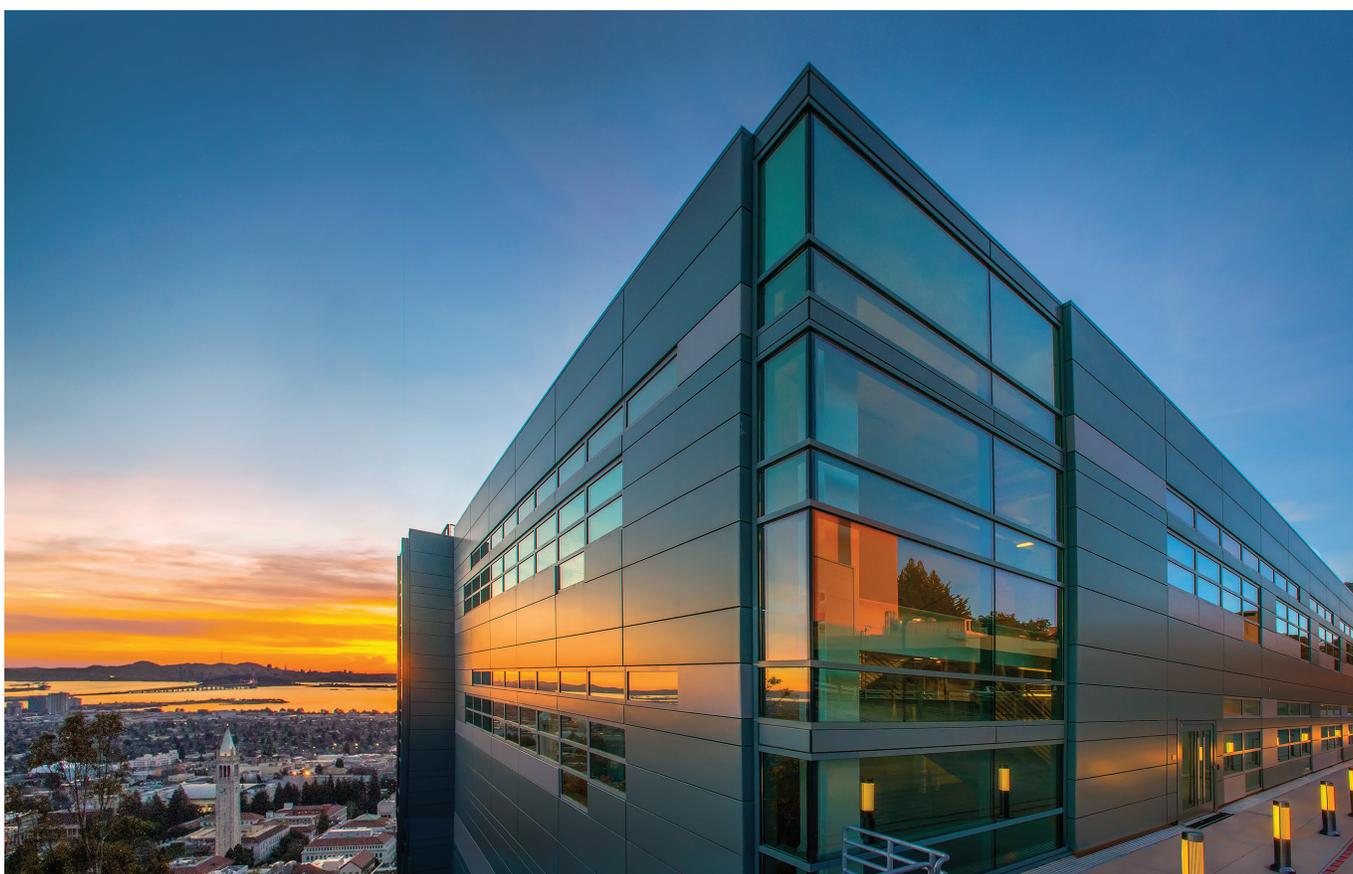
46 Start-ups launched using our technology

16 New elements discovered

Today, the best minds come here to join us in the search for cleaner, more reliable, and more sustainable sources of energy. We are exploring the planet to understand why our climate is changing, and what we can do about it. We are exploring the galaxies to understand what the universe is, how it began, and where it is going.

We are leaders in energy conservation and efficiency. We find ways to save energy through design: better materials, greener buildings, and smarter power distribution. Basic research conducted here will coax more power out of solar cells, build better batteries, make biofuels from non-food crops and microbes, and find ways to store and curb the production of carbon dioxide, one of the biggest threats to our global climate.

At Berkeley Lab, we are committed to solving the world's most challenging problems and answering its most elusive questions through great science and technological discovery. The Lab's remarkable range of research is produced in service to the nation, and all of us here relish the opportunity to make discoveries and develop new technologies that will make significant societal impacts.



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