



About Berkeley Lab

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

We are a U.S. Department of Energy national lab and a world center for basic and applied research. Our work is at the forefront of physics, chemistry, computing, biosciences, environmental science, and cosmology.

Today, the best minds come here to search for cleaner, more reliable, and 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.

Our mission is to bring science solutions to the world. We are leaders in energy conservation. We find ways to save energy through design: better materials, greener buildings, and smarter power distribution. We use biology, genomics, and environmental sciences to understand how everything from microbes to ecosystems affect water and energy cycles.

Our engineers design and build the most powerful microscopes, the brightest X-ray light sources, and the fastest computers. This gives our researchers the tools they need to continue the advances in materials science and technology that defined the 20th century and are essential for the 21st.

Basic research conducted at Berkeley Lab will coax more power out of solar cells, build better batteries, make biofuels from plants and microbes, and find ways to sequester and curb production of carbon dioxide, the greenhouse gas that is threatening our global climate.

Science will continue to shape the future. In the minds of our scientists, the future is here.

At a Glance

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

Budget / FY2017

\$858 million total
\$364 million total procurement
\$133 million procurement to California businesses

By the Numbers

3,816 employees
13 Nobel Prizes
15 National Medal of Science recipients
16 new elements discovered
48 startups launched using Berkeley Lab technology
207 disclosed inventions and software in FY 2017
678 U.S. patents issued in last 10 years
913 IP licenses for software and inventions in last 10 years