Science Serving the Nation

Science is about service—about a commitment to expanding human knowledge and driving discovery—and can drive innovation, technology development, and economic progress. This commitment, coupled with unique and wide-ranging capabilities, is what makes the Department of Energy’s (DOE’s) Office of Science an indispensable pillar of America’s leadership in science and technology. We are the nation’s largest supporter of basic research in the physical sciences, the steward of ten national laboratories, and the lead federal agency supporting fundamental research for energy.

## Discovery

Researchers work on new areas on the frontier of discovery. They are uncovering secrets of the basic building blocks of the universe, such as neutrinos, and the big bang. They are answering pressing questions that involve our place in the cosmos and the material that dominates the universe. They are unraveling complex problems from inside the atom to the edges of the universe. And they are solving problems down to the smallest atomic scale. The Office of Science accelerates discovery with five major research areas and six user facilities, including powerful supercomputers, which are enabling major breakthroughs.

## Innovation

Innovation provides a powerful way to drive the economy. World-class scientific tools can drive world-class businesses. Our researchers have unlocked a genetic key that could help detect cancer. They have coaxed microbes to create biofuels and cut hazardous lead from common batteries. They have focused on pushing computing speeds to an extreme scale, creating batteries with radically different properties. They have invented novel 3D-printed materials, and have invented insights into diseases such as Alzheimer’s disease and the common cold.

## Learn More

Learn more about the services and support DOE provides to the energy, national security, and environmental research communities, as well as the Office of Science’s achievements so far, and what is yet to come, at science.energy.gov.
Funding Recipients and Laboratories

1. SLAC National Accelerator Laboratory
   Menlo Park, California

2. Lawrence Berkeley National Laboratory
   Berkeley, California

3. Pacific Northwest National Laboratory
   Richland, Washington

4. The Ames Laboratory
   Ames, Iowa

5. Fermi National Accelerator Laboratory
   Batavia, Illinois

6. Argonne National Laboratory
   Argonne, Illinois

7. Oak Ridge National Laboratory
   Oak Ridge, Tennessee

8. Thomas Jefferson National Accelerator Facility
   Newport News, Virginia

   Princeton, New Jersey

10. Brookhaven National Laboratory
    Upton, New York