U.S. DEPARTMENT OF ENERGY | Office of Science

science.energy.gov

Who We Are:

We are an indispensible pillar of America's leadership in science and technology; the nation's largest supporter of basic research in the physical sciences and the lead federal agency supporting fundamental research for energy. We are the people who open new scientific frontiers, who explore the subatomic world and the expansion of the universe, and who enable the technologies of tomorrow.

What We Do:

We steward 10 National laboratories, essential elements of a preeminent federal research system that speeds discoveries and innovations, and support an array of unique, open-access scientific user facilities. We also manage a wide-ranging research portfolio through six interdisciplinary scientific program offices and sponsor a variety of science workforce development initiatives, including the National Science Bowl.

Discovery:

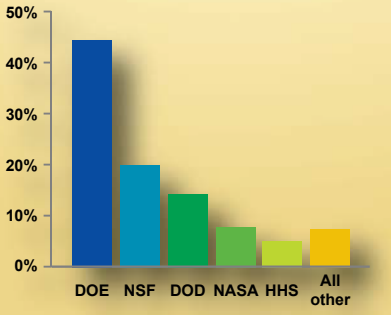
More than 100 Nobel Prizes have been awarded to research supported by the Office of Science including over 20 Laureates in the last 10 years. The Office initiated the decoding of the human genome in partnership with the National Institutes of Health, built the world's first hard X-ray laser and accelerates discoveries on its world-class supercomputers.

Cutting-edge scientific research

Researchers at Pacific Northwest National Laboratory

The Office of Science supports *22,000 researchers—including Ph.D. scientists, engineers, graduate students, undergraduates, and technical and support personnel*—through competitive awards each year at DOE laboratories and more than 300 universities and institutions of higher learning in all 50 States and the District of Columbia **(see reverse)**.

Overall, the DOE provides 45% of federal funding for research in the physical sciences:



Source: *NSF Science and Engineering Indicators 2012*

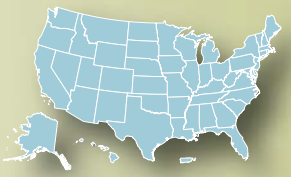
National scientific user facilities

The Titan supercomputer at Oak Ridge National Laboratory

The Office of Science provides the world's largest array of scientific user facilities—including supercomputers, large-scale X-ray light sources, neutron scattering sources, and sophisticated facilities for nanoscience and genomic sequencing.

The Office of Science User Facilities are key to U.S. leadership in research and have enabled U.S. industry to achieve breakthroughs in areas ranging from the design of vehicles to the discovery of ground-breaking drugs. Our X-ray light sources have revealed new insights into diseases such as Alzheimer's, hepatitis and the common cold. *Over forty Fortune 500 companies and dozens of small businesses use the facilities each year.*

investment map on reverse



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Funding Recipients and Laboratories

Berkeley Lab

Berkeley, California
202 acres and 97 buildings
3,396 FTEs
950 students & postdocs
9,320 facility users
www.lbl.gov

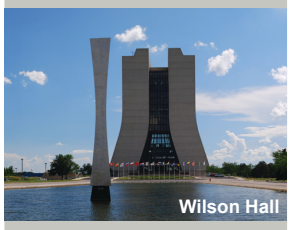
Pacific Northwest National Laboratory

Richland, Washington
346 acres and 19 buildings
4,344 FTEs
550 students & postdocs
1,733 facility users
www.pnnl.gov

The Ames Laboratory

Ames, Iowa
8 acres and 12 buildings
308 FTEs
158 students & postdocs
www.ameslab.gov

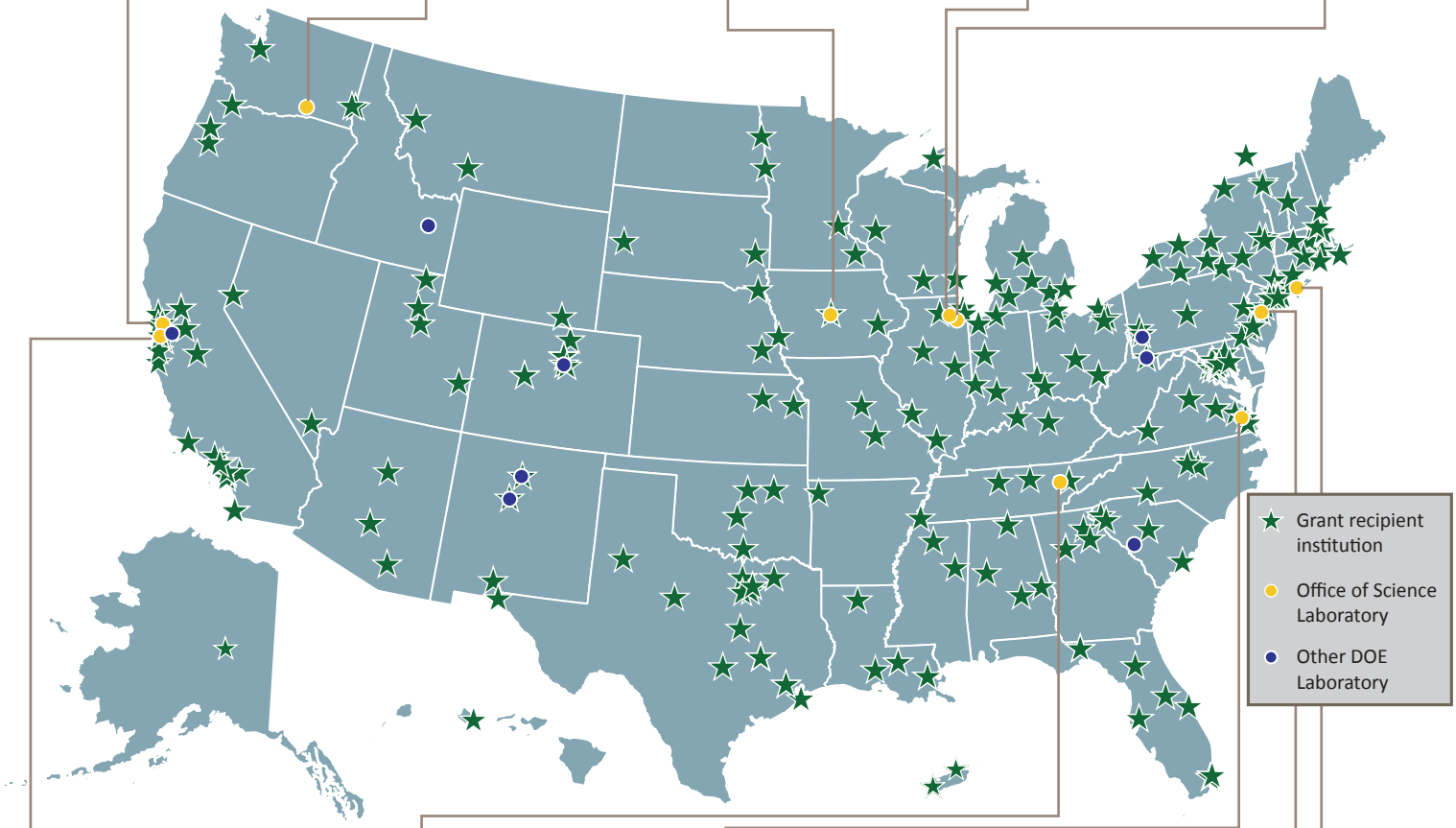
Fermilab



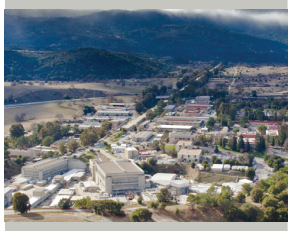
Batavia, Illinois
6,800 acres and 354 buildings
1,720 FTEs
55 students & postdocs
2,097 facility users
www.fnal.gov

Argonne National Laboratory

Argonne, Illinois
1,517 acres and 100 buildings
3,460 FTEs
1,054 students & postdocs
6,547 facility users
www.anl.gov



SLAC National Accelerator Laboratory



Menlo Park, California
426 acres and 151 buildings
1,596 FTEs
213 students & postdocs
4,474 facility users
www.slac.stanford.edu

Oak Ridge National Laboratory

Oak Ridge, Tennessee
4,421 acres and 194 buildings
4,586 FTEs
1,080 students & postdocs
3,215 facility users
www.ornl.gov

Jefferson Lab

Newport News, Virginia
169 acres and 72 buildings
729 FTEs
60 students & postdocs
1,261 facility users
www.jlab.org

PPPL Princeton Plasma Physics Laboratory

Princeton, New Jersey
89 acres and 34 buildings
429 FTEs
54 students & postdocs
290 facility users
www.pppl.gov

Brookhaven National Laboratory

Upton, New York
5,322 acres and 310 buildings
2,882 FTEs
642 students & postdocs
4,134 facility users
www.bnl.gov

Laboratory statistics reflect FY 2014 status. Grant recipient institutions based on FY 2015 awards.

April 15, 2016