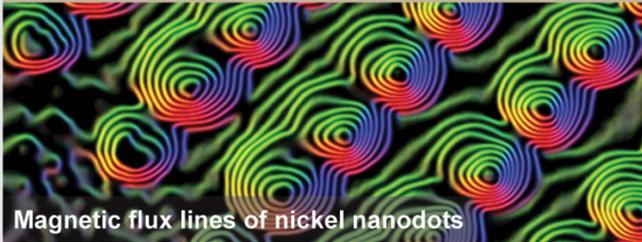




The DOE Office of Science is the Nation's largest supporter of basic research in the physical sciences.

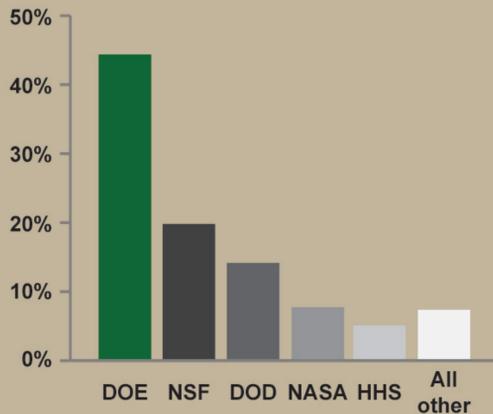
Cutting-edge scientific research



Magnetic flux lines of nickel nanodots

The Office of Science supports 25,000 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

FY 2012 appropriations \$4.9 billion



Facility construction and major instrumentation

National scientific user facilities



Linac Coherent Light Source

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—serving more than 26,500 researchers from universities, government laboratories, and industry each year.

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 drug discovery to the design of vehicles, aircraft, and jet engines. Over forty Fortune 500 companies and dozens of small businesses use the facilities each year.

investment map on reverse



A culture of project management



National Synchrotron Light Source II

Over the past ten years, the Office of Science has completed 40 projects each of total cost greater than \$10 million. 90% of these projects were delivered on time and on budget with cumulative cost growth across all projects held below 5%.

In the forefront of discovery

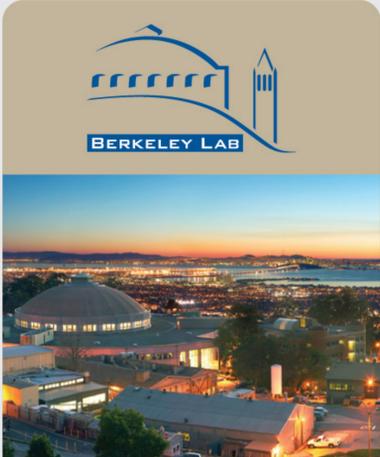
Office of Science-supported researchers probe the frontiers of physics, chemistry, materials science, and systems biology, unraveling mysteries ranging from neutrinos and dark energy to the behavior of matter at the nanoscale. This research has yielded over 100 Nobel prizes during the past six decades, including more than 20 Laureates in the past 10 years.

Science shaping our energy future

The Office of Science is the lead Federal agency supporting scientific research for energy. Office of Science-supported researchers have made key scientific advances related to solar energy, bioenergy, solid state lighting, and batteries, among many other areas of energy, and continue to press forward with science in the quest to achieve a secure and sustainable energy future.

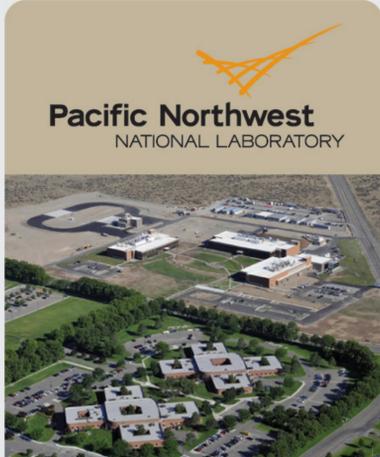
Steward of ten world-class federal laboratories

The Office of Science is the steward of 10 of the 17 DOE laboratories (see reverse). The DOE laboratories comprise a preeminent federal research system, developing unique, often multidisciplinary, scientific capabilities beyond the scope of academic and industrial institutions, to benefit the Nation's researchers and national strategic priorities.



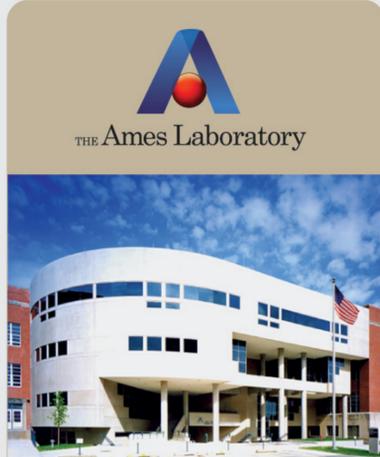
Berkeley Lab

Berkeley, California
202 acres and 106 buildings
3,400 FTEs
1,084 students & postdocs
8,579 facility users
www.lbl.gov



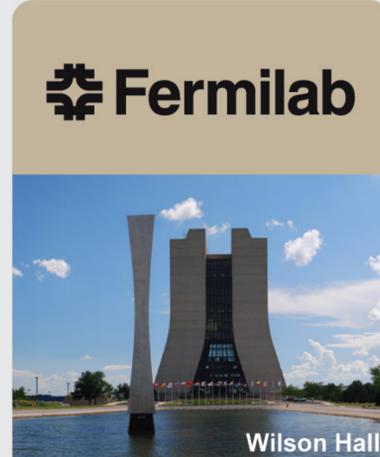
Pacific Northwest National Laboratory

Richland, Washington
600 acres and 101 buildings
4,180 FTEs
567 students & postdocs
2,414 facility users
www.pnnl.gov



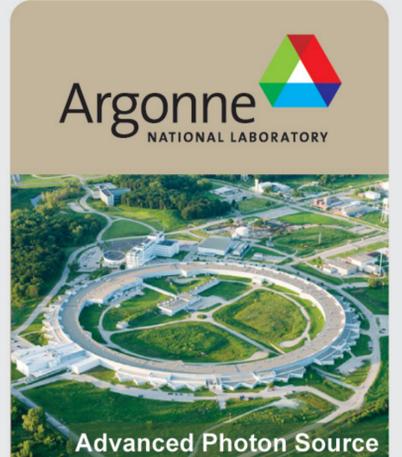
The Ames Laboratory

Ames, Iowa
10 acres and 12 buildings
315 FTEs
210 students & postdocs
www.ameslab.gov



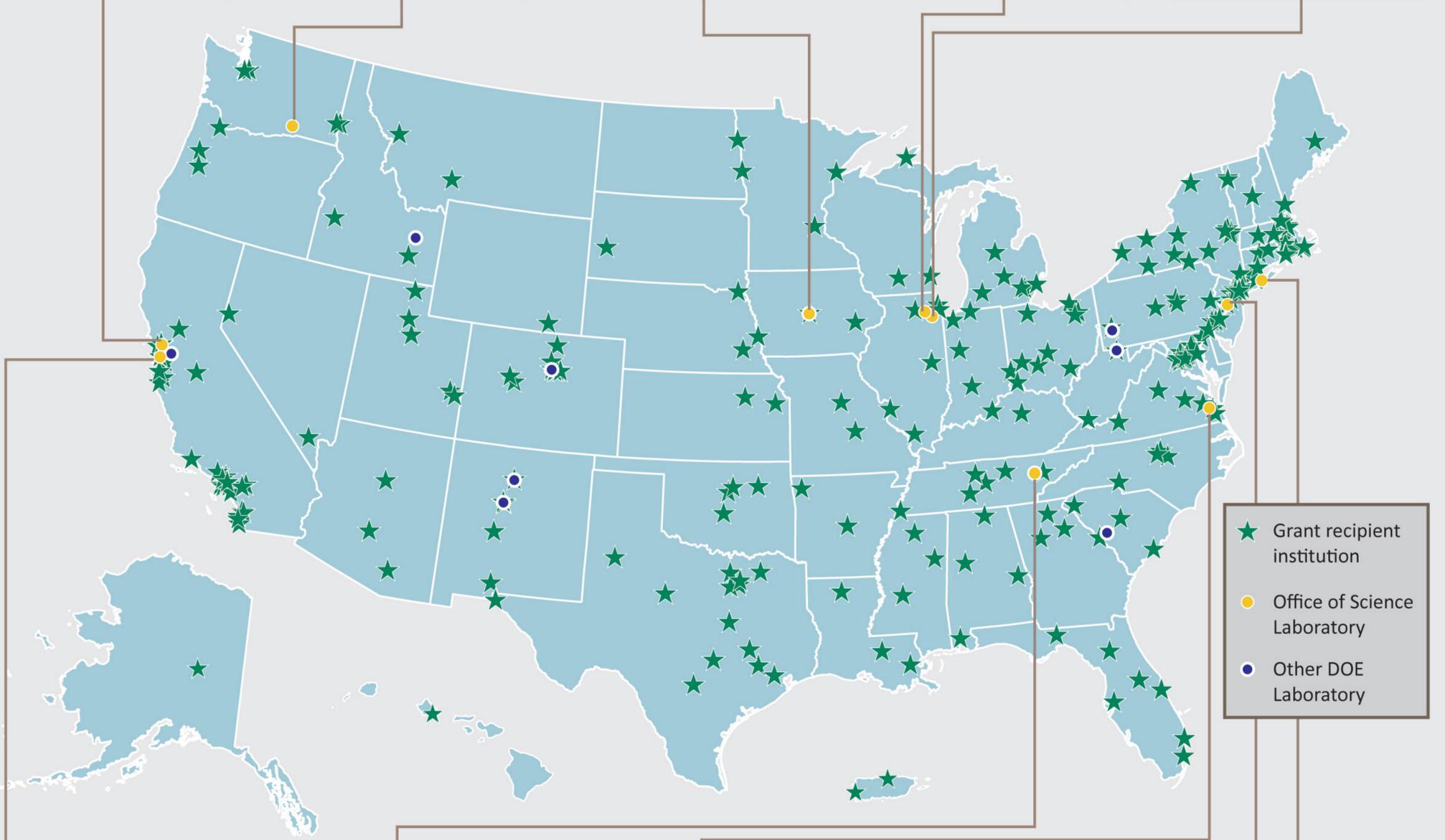
Fermilab

Batavia, Illinois
6,800 acres and 356 buildings
1,914 FTEs
1,090 students & postdocs
2,317 facility users
www.fnal.gov



Argonne National Laboratory

Argonne, Illinois
1,500 acres and 99 buildings
3,375 FTEs
1,147 students & postdocs
4,289 facility users
www.anl.gov




SLAC National Accelerator Laboratory

Menlo Park, California
426 acres and 142 buildings
1,681 FTEs
300 students & postdocs
3,384 facility users
www.slac.stanford.edu



Oak Ridge National Laboratory

Oak Ridge, Tennessee
4,470 acres and 252 buildings
4,533 FTEs
1,753 students & postdocs
3,116 facility users
www.ornl.gov



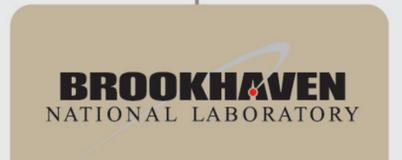
Jefferson Lab

Newport News, Virginia
169 acres and 63 buildings
769 FTEs
74 students & postdocs
1,376 facility users
www.jlab.org



PPPL Princeton Plasma Physics Laboratory

Princeton, New Jersey
89 acres and 34 buildings
428 FTEs
66 students & postdocs
145 facility users
www.pppl.gov



BROOKHAVEN National Laboratory

Upton, New York
5,320 acres and 331 buildings
2,990 FTEs
593 students & postdocs
4,253 facility users
www.bnl.gov