



National research lab

What do the national laboratories do?

The National Laboratories conduct scientific research and development in areas related to energy and technology. Have a question? Ask a real person any government-related question for free. They will get you the answer or let you know where to find it.

How many national laboratories are there?

The Department of Energy's 17 National Laboratories form a nationwide network that is working to solve some of the world's greatest scientific challenges.

Do you know the National Labs?

Many people live very close to one of the Energy Department's 17 National Labs and don't even know it. After checking out our new National Labs map, you won't be one of these people. The National Labs are charged with developing science and technology to further our nation's energy sector, and conducting research that spurs greater innovation.

Why should you work at the National Laboratories?

The National Laboratories are a diverse and inclusive career destination for the next generation of scientists and engineers aspiring to make an impact through their research. <p>The Department of Energy's 17 National Laboratories are powerhouses of science and technology whose researchers tackle some of the world's toughest challenges.

How many laboratories does the Department of energy conduct research?

The Department of Energy executes the research to support its missions through 17 national laboratories. The chart shows the nature of the research done at each laboratory. Each multipurpose science laboratory possesses a number of core capabilities and facilities that enable a wide range of multidisciplinary research.

What makes the National Laboratories successful?

The National Labs' success depends on the unique insights and perspectives enabled by a diverse workforce. Innovation is at the heart of everything done inside the National Laboratories. Our scientists strive to make our world a safer, better place for all.

The National Laboratories are invaluable assets to the Department and our Nation. For 75 years, the National Laboratories have delivered tremendous scientific and technological impact against the United States' greatest national needs. Today, as America faces ever more pressing challenges of enormous complexity and scope, the National ...

At the Frederick National Laboratory for Cancer Research, we embrace our mission to improve human health through discovery and innovation in the biomedical sciences. In partnership with government, academic and



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industry collaborators, our scientists conduct basic, translational, and applied research and create new technologies with a focus on cancer, HIV/AIDS, and ...

The National Security Research Center is the classified library at Los Alamos National Laboratory. The NSRC traces its lineage to the technical library formed by J. Robert Oppenheimer in 1943 as part of the Manhattan Project. We are part of the Lab's fascinating history.

Oak Ridge National Laboratory is the world's premier research institution, empowering leaders and teams to pursue breakthroughs in an environment marked by operational excellence and engagement with the communities ...

The Engineering Laboratory (EL) promotes U.S. innovation and industrial competitiveness in areas of critical national priority by anticipating and meeting the measurement science and standards needs for technology-intensive manufacturing, construction and cyber-physical systems, including the Smart Grid Program Office, in ways that enhance economic ...

Brookhaven National Laboratory delivers discovery science and transformative technology to power and secure the nation's future. Primarily supported by the U.S. Department of Energy's (DOE) Office of Science, Brookhaven Lab is a multidisciplinary laboratory with seven Nobel Prize-winning discoveries, 37 R& D 100 Awards, and more than 70 years of pioneering research.

We advance fundamental research in nuclear and particle physics to gain a deeper understanding of matter, energy, space, and time; apply photon sciences and nanomaterials research to energy challenges of critical importance to the nation; and perform cross-disciplinary research on computation, sustainable energy, national security, and Earth's ecosystems.

A complete listing of laboratories and research facilities managed by the National Research Council. Communications research. How the government is advancing research in wireless technologies, specifically those focused on spectrum use. Clean energy research and development centres.

iThemba Laboratories for Accelerator Based Science (LABS) is a business unit of the National Research Foundation (NRF) and committed to invest in the growth and development of scientific and technical competence in the field of accelerator-based science, with a special focus on women and designated communities. iThemba LABS provides access to state-of-the-art ...

National Lab research jump-started the shale gas revolution by pointing the way to key technologies and methodologies for cost efficient extraction. An estimated \$220 million in research and development expenditures on unconventional gas R& D from 1976 to 1992 have resulted in an estimated \$100 billion in annual economic activity from shale gas ...

The Rubin Community Workshop (Rubin 2024) took place July 22-26 at SLAC National Accelerator



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Laboratory in Menlo Park, CA and was a big success. ... NSF NOIRLab (U.S. National Science Foundation National Optical-Infrared Astronomy Research Laboratory) is the U.S. national center for ground-based, nighttime optical astronomy. ...

National Applied Research Laboratories, under the guidance of the National Science and Technology Council, was established in 2003 and oversees seven national research centers. With our vision of "Global Excellence, Local Impact", we provide domestic industry, government, academia, and research institutes with research facilities ...

Together, the 17 DOE laboratories comprise a preeminent federal research system, providing the Nation with strategic scientific and technological capabilities. The laboratories: ... Each of the 17 DOE National Laboratories is stewarded by a program office in the Department. The Office of Science stewards 10 of these, ranging from single-purpose ...

The National Nuclear Laboratory (NNL) is a UK government owned and operated nuclear services technology provider covering the whole of the nuclear fuel cycle. ... We combine our extensive science and technology know-how with our passion for research and development to solve complex nuclear issues for our customers, the UK Government and ...

The National Laboratories offer a wide range of jobs, internships, and fellowships in scores of scientific and engineering disciplines. The Laboratories are also invested in career growth, offering multiple opportunities for upward mobility through mentoring, leadership training, and rotational/temporary assignments....

Homepage for Los Alamos National Lab. 11/7/2024 05:02 AM. Due to heavy snow in Los Alamos, the Lab has suspended on-site activities on Thursday, Nov. 7. ... Research points to cosmic accelerator as source. [READ MORE](#) Community. ...

Recent Highlights Facilities & Centers Gain access to Sandia's research facilities, capabilities, and resources for either proprietary or nonproprietary work. Awards & Recognition Our people and their innovations have been recognized internationally among universities, private corporations, and government agencies.

At Lawrence Livermore National Laboratory, the realm of what's possible is only bounded by the questions we're willing to ask. Our multidisciplinary teams pursue big ideas using innovative science and technology to meet our national ...

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Brookhaven National Laboratory (BNL) is a United States Department of Energy national laboratory located in Upton, New York, a hamlet of the Town of Brookhaven was formally established in 1947 at the site of



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Camp Upton, a former U.S. Army base on Long Island. Located approximately 60 miles east of New York City, it is managed by Stony Brook University and ...

Los Alamos National Laboratory (often shortened as Los Alamos and LANL) is one of the sixteen research and development laboratories of the United States Department of Energy (DOE), located a short distance northwest of Santa Fe, New Mexico, in the American southwest st known for its central role in helping develop the first atomic bomb, LANL is one of the world's largest and ...

Our research focuses on discovery science and solutions for clean energy and a healthy planet. Research Overview; Discovery Science. ... At Lawrence Berkeley National Laboratory, we are expanding the frontiers of knowledge and delivering solutions for science and humankind. Article;

We support diverse research activities with talented staff, state-of-the-art facilities and core competencies. From internal collaboration to external partnerships, we work together to advance scientific discovery. ... For more than 70 years, ...

Research teams in the Division of Chemical and Biological Sciences conduct fundamental and applied studies of how to control and manipulate chemicals and biological materials. We work to develop new catalysts that enable more efficient chemical reactions, discover new ways to convert plants to biofuels, understand how solvents affect chemical reactions, and how ...

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Develop and sustain critical scientific and technical capabilities to which the government requires assured access. The Office of Science is the steward of 10 of the 17 DOE laboratories; these ...

CSIR-National Geophysical Research Institute(CSIR-NGRI), Hyderabad; CSIR-National Institute For Interdisciplinary Science and Technology(CSIR-NIIST... CSIR-National Institute of Oceanography(CSIR-NIO), Goa; CSIR-National Metallurgical Laboratory(CSIR-NML), Jamshedpur; CSIR-National Physical Laboratory(CSIR-NPL), New Delhi; CSIR-National ...

National Reference Laboratory Launches Newborn Screening Service with In-Country Analysis for Quicker Results. News. 09 Nov 2020. National Reference Laboratory Expands Scope and Reach of Services. News. 16 Jun 2020. National Reference Laboratory Releases New-Iteration COVID-19 Antibody Test Kits.

Map of the 17 DOE National Laboratories. The United States Department of Energy National Laboratories and Technology Centers is a system of laboratories overseen by the United States Department of Energy (DOE) for scientific and technological research. The primary mission of the DOE national laboratories is to conduct research and development (R& D) addressing national ...



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