

Brookhaven National Laboratory

Discovery That Makes a Difference

At the U.S. Department of Energy's (DOE) Brookhaven National Laboratory, everyone has a role in accelerating pathways to scientific discovery and technological innovation that transform the world. Our scientists, engineers, technicians, and professionals in many fields work with collaborators across the country and around the world. Together we are solving some of the most important questions to understand the building blocks of matter, advance light-enabled science, develop quantum computing and AI technologies, address energy security challenges, and more.

Brookhaven Lab is managed for DOE's Office of Science by Brookhaven Science Associates (BSA), a partnership among Stony Brook University and Battelle. The BSA board includes representatives from Columbia, Cornell, Harvard, MIT, Princeton, and Yale.

Brookhaven Lab is home to seven Nobel Prize-winning discoveries and countless advances for science and technology. Brookhaven is located on Long Island, in New York, 60 miles east of midtown Manhattan.

The Laboratory's staff lead and support research teams that address the DOE's mission to ensure the nation's security and prosperity by addressing its energy, environmental, and nuclear challenges through transformative science and technology solutions.

Staff at Brookhaven are entrusted by DOE, on the nation's behalf, to safely build and operate facilities that house unique tools used by interdisciplinary teams comprising researchers from Brookhaven as well as those from other national labs, academia, and industry.

Regional economic impact

Brookhaven Lab is the only multidisciplinary national laboratory in the northeastern United States. We are one of the largest institutions for scientific research in New York State (NYS).

Brookhaven Lab is primarily supported by DOE's Office of Science. Our budget was \$884.3 million in fiscal year 2024. We support thousands of jobs in NYS and have developed a strong relationship with NYS over the years, stewarding \$400 million of NYS investment since 2013.

Brookhaven is a unique and valuable resource — as a major science-based enterprise and source of discoveries that drive entrepreneurs and innovators, who can partner with Brookhaven through opportunities for research partnerships and technology transfer.

2,900
employees

158
joint faculty

618
students (grads,
undergrads)

7,214
facility users and
visiting scientists
in FY24

\$884.3 million
budget in FY24

7
Nobel Prize-winning
discoveries



U.S. DEPARTMENT
of ENERGY

Managed by Brookhaven Science Associates
for the U.S. Department of Energy

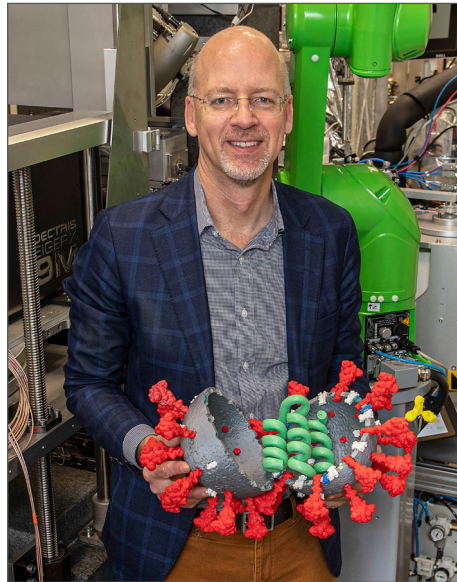


Brookhaven
National Laboratory

We work to protect the environment and prevent pollution in all facets of our research and operations. We are committed to managing our programs in a manner that protects the local ecosystem and public health.

Workforce development

Instilling a passion for discovery and developing the nation's future generations of scientists and engineers, Brookhaven Lab offers extensive research and education opportunities for students in grades 1 to 12 and college. We offer professional development programs for teachers and professors, too. We host more than 30,000 program participants annually, including students and educators, through our workforce development programs.



Tools for discovery

Brookhaven National Lab excels at the design, construction, and operation of large-scale, cutting-edge research facilities. Facilities at Brookhaven Lab include:

- The future Electron-Ion Collider (EIC)
- Relativistic Heavy Ion Collider (RHIC)
- National Synchrotron Light Source II (NSLS-II)
- Center for Functional Nanomaterials (CFN)
- Tandem van de Graaff
- NASA Space Radiation Facility (NSRL)
- Accelerator Test Facility (ATF)
- Laboratory for BioMolecular Structure (LBMS)
- Brookhaven Linac Isotope Producer (BLIP)
- Quantum Network Facility

Learn more about the Lab
www.bnl.gov

