

About Brookhaven National Laboratory

The Laboratory is operated by Brookhaven Science Associates, a not-for-profit research management company, under contract with the U.S. Department of Energy.

Brookhaven's broad mission is to produce excellent science in a safe, environmentally sound manner with the cooperation, support and appropriate involvement of its many communities.

Location: On Long Island, in Upton, New York.

Background: Established in 1947, Brookhaven is a multi-program national laboratory operated by Brookhaven Science Associates for the U.S. Department of Energy (DOE). Four Nobel Prizes have been awarded for discoveries made at the Lab.

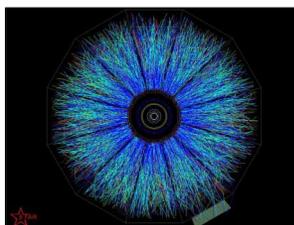
Brookhaven supports DOE's strategic missions in carrying out basic and applied research in long-term programs at the frontiers of science. Additionally, the Lab:

- Conceives, constructs and operates complex, leading-edge, user-oriented research facilities.
- Develops advanced technologies that address national needs and initiates their transfer to other organizations and to the commercial sector.
- Disseminates technical knowledge to educate future generations of scientists and engineers.
- Maintains technical currency in the nation's workforce and encourages scientific awareness in the general public.

Staff: More than 2,800 scientists, engineers, technicians and support staff; over 4,500 guest researchers annually.

Major Programs:

- Nuclear and high-energy physics
- Physics and chemistry of materials
- Environmental and energy research
- Nonproliferation
- Neurosciences and medical imaging
- Structural biology



A particle collision captured by the STAR detector at the Lab's Relativistic Heavy Ion Collider

Major Facilities:

- Relativistic Heavy Ion Collider (RHIC), the world's newest and biggest particle accelerator for nuclear physics.
- National Synchrotron Light Source, attracting more users annually than any research machine in the world.

- Alternating Gradient Synchrotron, home of three Nobel Prizes and many pivotal discoveries in high-energy and nuclear physics.
- Accelerator Test Facility, the nation's proving ground for new concepts in generating, accelerating and monitoring particle beams.

Scientific Discoveries:

- Five Nobel Prizes, including the 2002 Nobel in Physics
- L-dopa, used to treat Parkinson's disease
- Promising cocaine addiction treatment
- Researching pollution-eating bacteria
- Brain-scan studies of addiction, mental illness and aging
- Advanced energy technology studies
- Asbestos-digesting foam
- Magnetically-levitated trains (Maglev)

For more information:

E-mail: pubaf@bnl.gov

Phone: 631 344-2345

Or, visit us on the Web at www.bnl.gov.

Distribution of Funds:

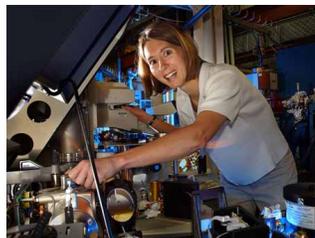
Fiscal Year 2003 budget (in millions) is \$436 total, out of which \$88 is work for others and the balance, divided as follows, is from DOE.

Science: \$271

Environmental quality: \$38

National Security: \$29

Energy: \$9



Brookhaven employs nearly 3,000 scientists, technicians, engineers, and support staff.