BROOKHAVEN NATIONAL LABORATORY

Research Partnerships

Brookhaven National Laboratory is an international leader in research and development. Home to world-leading experts and state-of-the-art facilities that push the frontiers of science and technology, Brookhaven is one of ten national laboratories overseen and primarily funded by the Office of Science of the U.S. Department of Energy. It is also the only multidisciplinary national lab in the northeastern United States.

Mission

Brookhaven National Lab cultivates positive and longstanding partnerships with researchers, academic institutes, industry, state and local governments.

The Licensing Portfolio

Available technologies in:

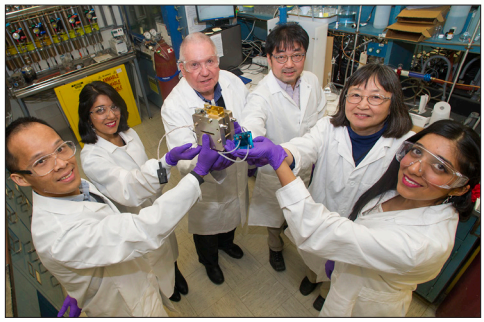
- Advanced Materials
- Biotechnology & Health
- Copyrights & Software
- Electronics & Instrumentation
- Energy
- Environment
- Nanotechnology

See the complete catalog of Brookhaven technologies available for licensing online:

www.bnl.gov/techtransfer

Brookhaven actively seeks partners to license its technologies and collaborate on multidisciplinary teams to accelerate innovation. Experts at the Laboratory and its facilities are also available for strategic partnerships to develop and improve commercial potential.

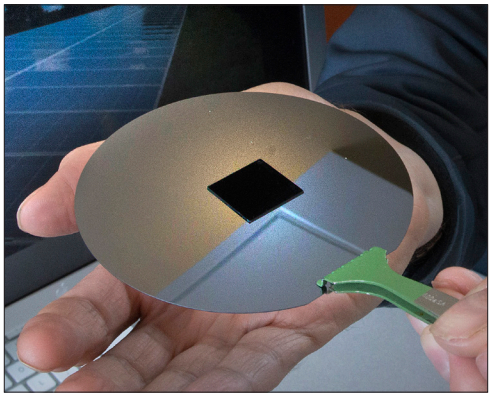
Brookhaven Lab has a diverse portfolio with more than 200 technologies accessible through exclusive and nonexclusive agreements. These technologies are assessed for patentability and commercial potential, and they range from medical diagnostics and fuel cells to cyber security and catalysis.



This team received an R&D100 Award for its low cost MoSoy Catalyst that eliminates the need for expensive metal catalysts to speed up the rate at which water is split.

Sponsored Research

Brookhaven Lab employs its unique capabilities in active research programs supported by federal agencies, including the U.S. Department of Energy, National Institutes of Health, Department of Defense, and Department of Homeland Security. In addition, the Lab carries out research with private industry, universities, and state and local governments.



This small black square is dark because it isn't reflecting light, thanks to a nanotextured surface developed at the Center for Functional Nanomaterials. The coating could dramamtically increase the light solar panels can collect for energy.

Partnerships

Working together in multidisciplinary teams, experts from Brookhaven Lab can help move ideas and technologies from the laboratory to the marketplace to solve real world problems. A number of agreement options are available, covering both proprietary and nonproprietary partnerships to leverage laboratory facilities, capabilities, and expertise.

Collaborative Research Agreements (CRADAs) facilitate collaborations between public and private sponsors. Brookhaven may contribute personnel, facilities, equipment, and other resources. Brookhaven cannot provide direct funds to the participant.

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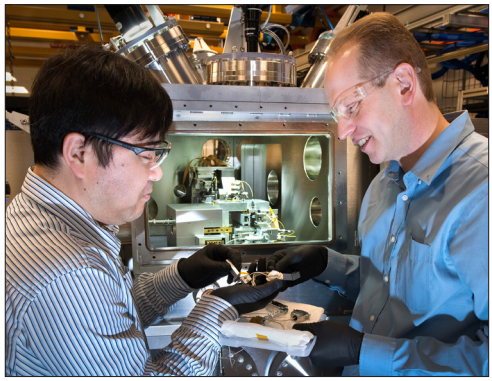
BROOKHAVEN NATIONAL LABORATORY

Partnerships *Continued from front*

Strategic Partnership Projects (SPPs) allow companies, universities, and other institutions to access the unique resources at Brookhaven for specific projects.

Agreements for Commercializing Technology (ACT) provide flexible terms for non-federal entities to work with Brookhaven.

Technical Service Agreements (TSAs) provide access to capabilities at Brookhaven that are not readily available in the private sector. TSAs do not involve research and development activity.



Brookhaven physicists led a project to develop the first multilayer Laue lens–based microscope, which is installed at the Hard X-ray Nanoprobe beamline at Brookhaven's National Synchrotron Light Source II.

User Facility Agreements are a prerequisite to access designated U.S. Department of Energy facilities at Brookhaven and to embark on any hands-on work at these facilities.

Small Businesses are encouraged to explore potential research collaborations and technology development with Brookhaven Lab. Research collaborations involving the laboratory can greatly strengthen small business innovative research (SBIR), small business technology transfer (STTR) proposals, and other federal or state funded programs.

Non-disclosure and Material Transfer Agreements

These agreements are not for sponsored research or collaborative work but may be available to protect proprietary or confidential information, or transfer materials for a specific defined purpose and limited duration.

Brookhaven Facilities Available to Industry

National Synchrotron Light Source II

Center for Functional Nanomaterials

A supercomputer at Brookhaven

NASA Space Radiation Laboratory

Facilities at Brookhaven

Brookhaven Lab operates state-of-the-art research facilities for fundamental research and problem-solving. These facilities include the:

- National Synchrotron Light Source II (NSLS-II)
- Center for Functional Nanomaterials (CFN)
- Relativistic Heavy Ion Collider (RHIC)
- Computational Science Initiative (CSI)
- NASA Space Radiation Laboratory (NSRL)
- Accelerator Test Facility (ATF)

Partnering With Brookhaven Lab

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