The U.S. Department of Energy’s Brookhaven Site Office at Brookhaven National Laboratory

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Presentation to the BNL Community Advisory Council
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Tonight’s Presentation

Answering the questions:
“What does the Brookhaven Site Office do?”
“How does it do it?”

DOE, SC and BHSO

• Mission and goals
• Organization structure
• Relationships
U.S. DOE Mission and Goals

Mission: To ensure America’s security and prosperity by addressing its energy, environmental, and nuclear challenges through transformative science and technology solutions.

• **Goal 1:** Catalyze the timely, material, and efficient transformation of the nation’s energy system and secure U.S. leadership in clean energy technologies.

• **Goal 2:** Maintain a vibrant U.S. effort in science and engineering as a cornerstone of our economic prosperity with clear leadership in strategic areas.

• **Goal 3:** Enhance nuclear security through defense, nonproliferation, and environmental efforts.

• **Goal 4:** Establish an operational and adaptable framework that combines the best wisdom of all Department stakeholders to maximize mission success.
DOE Office of Science (SC) Mission

Support a diverse portfolio of research that:

• advances the science needed for revolutionary energy breakthroughs
• seeks to unravel nature’s deepest mysteries, and
• provides the Nation’s researchers with the most advanced large-scale tools of modern science.

SC is the largest funder of basic scientific research in the U.S.

• FY12: $4.874B enacted, FY13: $4.992B requested
DOE Brookhaven Site Office (BHSO) Mission

Successfully manage and administer DOE’s performance-based, management-and-operating (M&O) contract with Brookhaven Science Associates (BSA) for:

• the safe, secure, effective, and efficient leadership and operation of BNL, and
• the federal stewardship of the site and institution.
U.S. Department of Energy

Total Budget: $26.3B
All amounts FY12 as enacted
All 17 DOE National Laboratories
Relationships: DOE and BNL

DOE:

• Is the landlord and steward of BNL
• Hires a management-and-operating (M&O) contractor, Brookhaven Science Associates (BSA), to run BNL
  – M&O contractor does almost everything at BNL from world-class science to cutting grass

Energy Secretary Steven Chu (r) with Lab Director Sam Aronson (l) and PHENIX Operations Manager Ed O’Brien, April 21, 2011
Relationships: DOE and BHSO

Brookhaven Site Office:
- Is DOE’s on-site representative
- Administers the M&O contract
- ‘Partners’ with BNL to optimize performance

Secretary Chu (front center) and Office of Science Deputy Director for Science Programs Pat Dehmer (at Chu’s left) with Brookhaven Site Office personnel, March 23, 2009
Administering the M&O Contract

- Set contract expectations
- Monitor performance to those expectations
- Facilitate performance
- Provide feedback on performance
- Provide accountability, if required

A single collision of 200 GeV gold ions as measured by the silicon vertex tracker at the Relativistic Heavy Ion Collider’s PHENIX detector.
‘Parterning’ with BSA

BHSO and BSA ‘partner’ to deliver the science mission at BNL:

- Strategic, tactical planning
- Budgets, contracts, procurements
- Facilities and operations
- Environment, safety, health
- Projects (e.g., NSLS-II, ISB, LISF, environmental restoration, etc.)
- Communications, education, government, public affairs
Relationships and Information Flow

BNL (BSA) → DOE BHSO → DOE HQ
Science

Everything that’s not science

Everything that’s not science

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Science

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