

Battelle – Our Commitment to Program Management

**National Defense Industrial Association
Program Management Systems Committee**

Jeffrey Wadsworth

President and Chief Executive Officer

Columbus, Ohio

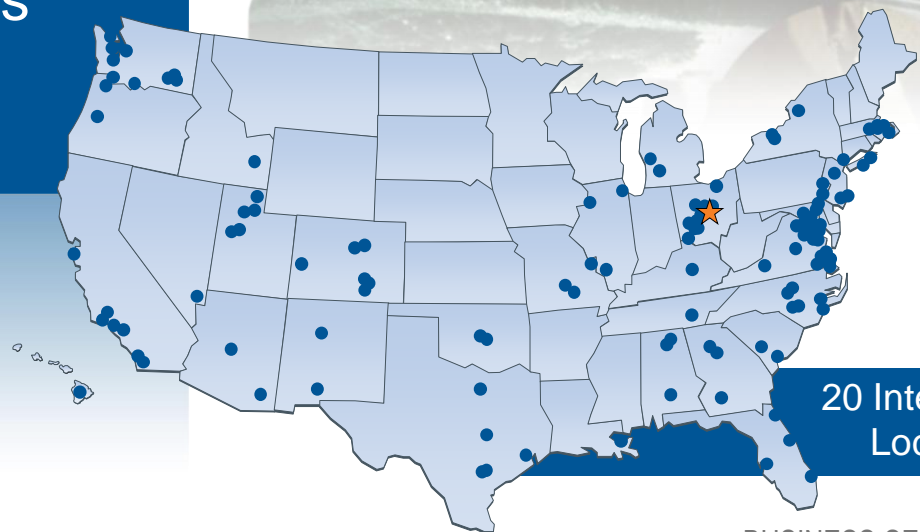
August 15, 2012

Battelle was founded to improve the human condition through innovation

Founded by the will of Gordon Battelle in 1929 as a non-profit, charitable trust

Generates \$6.5 billion annually in global R&D

Oversees over 22,500 employees in 130 locations worldwide



20 International Locations

Battelle and its laboratories at forefront of science and technology



Pacific Northwest National Laboratory
Richland, Washington – 1965



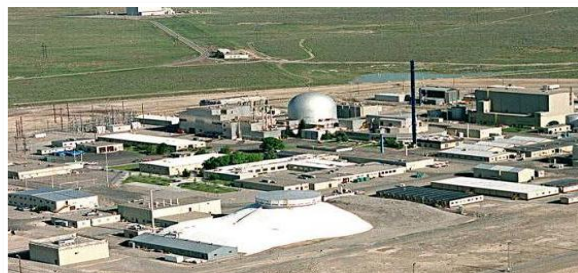
Brookhaven National Laboratory
Long Island, New York – 1997



National Renewable Energy Laboratory
Golden, Colorado – 1998



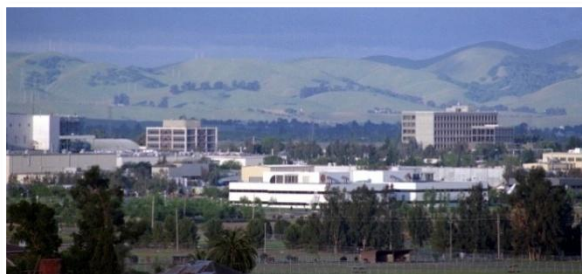
Oak Ridge National Laboratory
Oak Ridge, Tennessee – 1999



Idaho National Laboratory
Idaho Falls, Idaho – 2004



National Biodefense Analysis/Countermeasures
Frederick, Maryland – 2006



Lawrence Livermore National Laboratory
Livermore, California – 2007



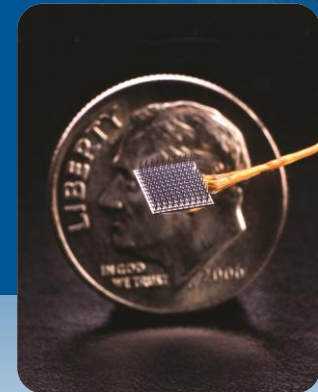
United Kingdom National Nuclear Laboratory
Sellafield, United Kingdom – 2009



Battelle Memorial Institute
Columbus, Ohio - 1929

Battelle and its national labs pioneered many new technologies

- Xerography
- Early compact disc technology
- Drug delivery technology
- Fiber-optic technology for telecommunications
- Universal Product Code (UPC)
- Artificial retinas
- BrainGate neural interface system
- Robotic control for heart catheterizations



Cutting-edge science requires strong program management skills

- Early identification, recruitment, and selection of project leadership staff
 - Need project directors skilled in both science and construction
- Constant and detailed control of costs and scheduling using project management systems
 - Processes alone are not adequate to properly manage project performance
- Rigorous commitment to safety
 - Critical to have the attention and commitment of the entire organization



Environmental Molecular
Science Laboratory (EMSL)
PNNL



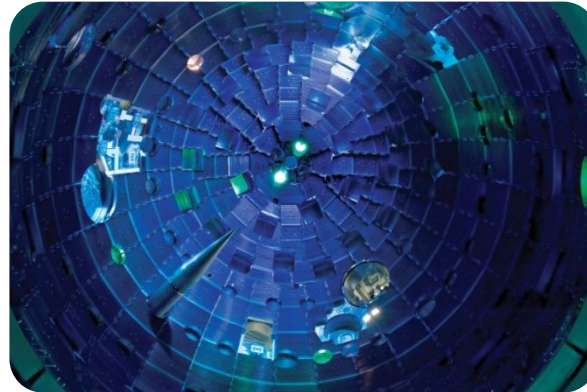
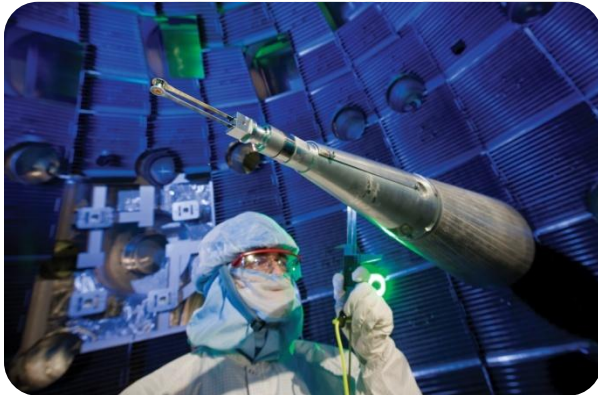
National Children's Study
Battelle

National Ignition Facility, a “one of a kind” complex, posed many program management challenges

Lawrence
Livermore
National
Laboratory

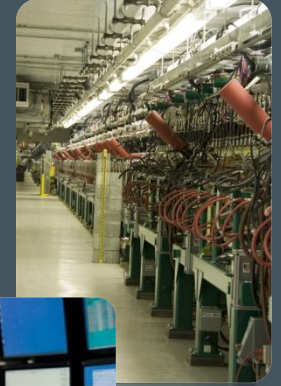


National Ignition Facility



The Spallation Neutron Source (SNS) successfully integrated numerous scientific and technological advances

Oak Ridge
National
Laboratory



Spallation Neutron Source



Battelle is one of the nation's leading charitable trusts actively supporting and promoting science, technology, engineering and mathematics (STEM)

Monitor the efficiency and effectiveness of organizations to evaluate further giving

1929 Kenny Road
Metro High School



Ohio STEM Learning Network



Program management is critical to solving national challenges

