

OAK RIDGE NATIONAL LABORATORY



Originally known as Clinton Laboratories, Oak Ridge National Laboratory (ORNL) was established in 1943 to carry out a single, well-defined mission: the pilot-scale production and separation of plutonium for the World War II Manhattan Project. From this foundation, the laboratory has evolved into a unique resource for addressing important national and global energy and environmental issues. Today, ORNL pioneers the development of new energy sources, technologies, and materials and the advancement of knowledge in the biological, chemical, computational, engineering, environmental, physical, and social sciences. In addition, ORNL is responsible for the civil construction, project management, design integration, and ultimately the operation of the Spallation Neutron Source (SNS). Designed and constructed by a partnership of six Department of Energy National Laboratories (Argonne, Berkeley, Brookhaven, Jefferson, Los Alamos, and Oak Ridge), the SNS is a new, accelerator-based science facility that will provide neutron beams greater than ten times more intense than any other such source in the world. SNS will provide the opportunity for up to 2,000 researchers each year from universities, National Labs, and industry for basic and applied research and technology development in the fields of materials science, magnetic materials, polymers and complex fluids, chemistry, and biology.