

Physical Sciences Directorate

Center for Nanophase Materials Sciences

Nanomaterials Characterization

Functional Scanning Probe Microscopy

Microanalysis of Materials

Multimodal Imaging

STEM

UHV-STM

Nanomaterials Synthesis

Functional Hybrid Nanomaterials

Macromolecular Nanomaterials

Nanofabrication Research Laboratory

Theory and Computation

Data Nanoanalytics

Nanomaterials Theory Institute

Chemical Sciences

Chemical Transformations

Energy Storage

Geochemistry and Interfacial Science

Surface Chemistry and Catalysis

Nuclear Analytical Chemistry

Chemical and Isotopic Mass Spectrometry

Radioactive Materials Analytical Lab

Transuranium Analytical Lab

Separations and Polymer Chemistry

Carbon and Composites

Chemical Separations

Nanomaterials Chemistry

Soft Matter

Materials Science and Technology

Foundational Materials Science

Correlated Electron Materials

Neutron and X-ray Scattering and Thermophysics

Quantum Heterostructures

Materials Structure and Processing Science

Alloy Behavior and Design

Materials for Advanced Manufacturing

Materials Joining

Materials Processing

Materials in Extremes

Advanced Nuclear Materials

Corrosion Science and Technology

Mechanical Properties and Mechanics

Core Characterization Capabilities

Radiation Effects and Microstructural Analysis

Materials Theory, Modeling and Simulation

Materials Theory

Microstructural Evolution Modeling

Physics

Fundamental Nuclear and Particle Physics

Neutrino Research

Neutron Symmetries

Relativistic Nuclear Physics

Nuclear Science and Advanced Technology

Nuclear Structure and Astro-Particle Physics

Radiation Detection