

### INTERNSHIP CATEGORIES

INL internships, like its research, span a wide range of science, technology, engineering and math (STEM) fields and other important disciplines. INL is currently looking for exceptional interns in the following areas

### ADVANCED MANUFACTURING TECHNOLOGY

Applicable areas of study: Systems Engineering, Materials Engineering, Biology, Chemical Engineering, Analytical Chemistry, Mechanical Engineering, Electrical Engineering

### ADVANCED TRANSPORTATION TECHNOLOGY

Applicable areas of study: Electrical Engineering, Mechanical Engineering,

Chemistry, Biology, Chemical Engineering, Energy Engineering

### BUSINESS, OPERATIONS AND ADMINISTRATION FUNCTIONS\*

Applicable areas of study: Accounting, Finance, HR, Law, Audit, Business Management, Information Technology, Communications, Liberal Arts

# CLEAN ENERGY TECHNOLOGY, INTEGRATION AND ENVIRONMENTAL SUSTAINABILITY

Applicable areas of study: Nuclear Engineering, Renewable Energy, Intelligent Systems Engineering, Hybrid Energy, Economic Analysis, Geology, Environmental Engineering, Anthropology, Ecology, Earth and Life Sciences, Materials Science, Chemistry, Biology, Industrial/Systems Engineering, Manufacturing Engineering, Mechanical Engineering, Electrical Engineering

#### CRITICAL INFRASTRUCTURE PROTECTION (ELECTRICAL GRID AND WIRELESS TECHNOLOGIES)

Applicable areas of study: Physical and Cyber Security, Electrical Engineering, Mechanical Engineering, Computer Science for Resilience, Industrial Control Systems, Critical Infrastructure, Cryptography, Signal Propagation, Vulnerabilities

#### **CYBER SECURITY\***

Applicable areas of study: Electrical Engineering, Computer Science for



Network Security, Digital Manufacturing, Embedded Control Systems, Threat Analysis, Intelligent Control Systems

### ENVIRONMENTAL SAFETY, HEALTH AND QUALITY

Applicable areas of study: Environmental Engineering, Safety Engineering, Fire Protection Engineering, Quality Engineering, Industrial Engineering, Health Physics

#### **HIGH PERFORMANCE COMPUTING**

Applicable areas of study: Computational Sciences for Materials, Structural Engineering, Seismic Engineering, Chemical Engineering, Fluid Dynamics, Nuclear Engineering, Physics, Engineering, Energy Technology, Vehicle Technology, Energy Storage

### NATIONAL HOMELAND SECURITY PROGRAMS SUPPORT\*

Applicable areas of study: Communications, Public/International Policy, International Security, Cybersecurity, Business, Computer Science, Geology, GIS, Emergency Preparedness, Homeland Security and Technical Writing

#### **NUCLEAR FUELS AND MATERIALS**

Applicable areas of study: Nuclear Engineering, Metallurgical Engineering, Materials Science and Engineering, Mechanical Engineering, Civil/Structural Engineering, Physics, Chemistry, Chemical Engineering

### NUCLEAR FUEL MANAGEMENT, RECYCLING AND DISPOSAL

Applicable areas of study: Chemical Engineering, Chemistry, Radiochemistry, Analytical Chemistry, Metallurgical Engineering, Materials Engineering, Geology

#### **NUCLEAR NONPROLIFERATION\***

Applicable areas of study: Nuclear Engineering, Analytical Chemistry, Materials Science and Engineering, Chemical Engineering, Forensics, Public/International Policy, Geology

## NUCLEAR POWER PLANT SAFETY SYSTEMS

Applicable areas of study: Electrical Engineering, Human Factors, Statistics, Computer Engineering, Nuclear Engineering, Mechanical Engineering, Psychology

#### **NUCLEAR REACTOR DESIGNS**

Applicable areas of study: Physics, Nuclear Engineering, Mechanical Engineering, Electrical Engineering, Modular Reactors, Life Extension of Current Plants, Future Reactor Design and Construction, Space Technology

## RESEARCH FACILITIES, MAINTENANCE AND OPERATIONS ENGINEERING SERVICES

Applicable areas of study: Manufacturing, Industrial Engineering, Mechanical Engineering, Electrical Engineering, Weld Engineering for Prototype Shop, Fabrication and Welding, Drafting, Project/Construction Engineering, Environmental Engineering, Safety Engineering, Facility Engineering

\* Based on the nature of these internships, U.S. citizenship is required.

#### **INTERNSHIP CONTACTS**

internships@inl.gov

www.inl.gov/careers

SUPPORTING THE NEXT GENERATION
OF SCIENTISTS AND
ENGINEERS









