



# The Texas A&M University System National Laboratories Office

## The National Laboratories Office Frequently Asked Questions (FAQ's)

### 1. What is the mission of the NLO?

The Texas A&M University System National Laboratories Office, also known as the NLO, has a mission to facilitate a network of engagement between 17 U.S. National Laboratories and our 11 system universities and 8 state agencies to create impactful contributions to national security, scientific discovery, and applied technology.

### 2. What is Triad National Security?

The Texas A&M University System is one of three members of Triad National Security, LLC; a contracted partner of the National Nuclear Security Administration (NNSA) tasked with lab management, nuclear operations, and research duties to support national security. Learn more at [www.triadns.org](http://www.triadns.org).

### 3. When was the NLO established, and why?

The NLO opened in 2018 tasked with supporting the System's role in the management of Los Alamos National Laboratory (LANL); LANL is a federally funded research and development center that aligns priorities under the Department of Energy's National Nuclear Security Administration (DOE NNSA).

### 4. How much is the Department of Energy (DOE) investing in the next generation workforce?

Direct Department of Energy investments throughout the Texas A&M University System currently runs at approximately \$148.7 Million in research across 232 programs.

### 5. What is the NLO's direct investment in research partnerships with our National Labs?

Over \$50 Million committed to active Research and Development (R&D), and other programs across 43 departments of Texas A&M University is processed by the NLO.

### 6. How does the NLO help Texas A&M University System graduates and students connect with our U.S. National Laboratories and sites?

Over 50 engagement opportunities have been sponsored by the NLO to help connect graduates and students of the TAMUS with our National Labs over the last 5 years including nearly 20 recruitment and hiring events.

### 7. How does the NLO utilize the unparalleled capabilities of The Texas A&M University System?

The NLO works closely with Texas A&M Engineering Extension Service (TEEX) and other TAMUS entities to provide a dependable workforce by giving the labs access to educational opportunities that enhance the skill sets of the current workforce while preparing the next generation.

### 8. What is the Nuclear Security Enterprise (NSE)?

The Nuclear Security Enterprise (NSE) is made up of the National Nuclear Security Administration (NNSA) and its 8 labs, plants, and sites; a collection of DOE laboratories, Nevada National Security Site, production plants, and processing facilities involved in the design, production, and testing of nuclear weapons.

### 9. How does nuclear fit into the Department of Energy?

The National Nuclear Security Administration (NNSA) is responsible for enhancing national security through the military application of nuclear science, which encompasses a vast array of disciplines related to engineering and science.

### 10. Which of our U.S. National Labs make up the Nuclear Security Enterprise (NSE)?

The 8 labs, plants, and sites that make up the Nuclear Security Enterprise (NSE) include:

- 1) Kansas City National Security Campus
- 2) Lawrence Livermore National Laboratory
- 3) Los Alamos National Laboratory
- 4) Nevada National Security Site
- 5) Pantex Plant
- 6) Sandia National Laboratories
- 7) Savannah River Site
- 8) Y-12 National Security Complex

