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National Lab Day

Lectures

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10-8-2019

### Los Alamos Is One Of Three NNSA Labs (+Sandia & Lawrence Livermore)

John Sarro

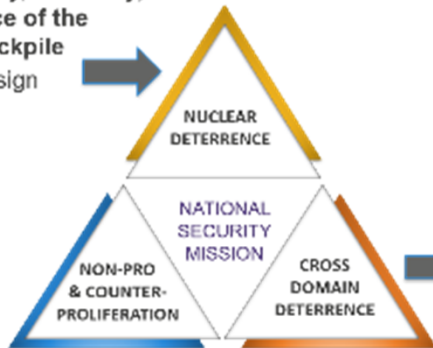
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# Los Alamos is one of three NNSA Labs (+Sandia & Lawrence Livermore)

Ensure the safety, reliability, and performance of the U.S nuclear stockpile

- Physics & Design
- Engineering
- Production



Energy security

- Sustainable Nuclear Energy
- Resilient Materials
- Complexity in Energy Systems

**MATERIALS FOR THE FUTURE**  
Defects and Interfaces  
Extreme Environments  
Emergent Phenomena

**SCIENCE OF SIGNATURES**  
Discover Signatures  
Revolutionize Measurements  
Forward Deployment

**INTEGRATING INFORMATION, SCIENCE, AND TECHNOLOGY FOR PREDICTION**  
Complex Networks  
Computational Co-Design  
Data Science at Scale

**NUCLEAR AND PARTICLE FUTURES**  
High Energy Density Physics & Fluid Dynamics  
Nuclear & Particle Physics, Astrophysics & Cosmology  
Applied Nuclear Science & Engineering  
Accelerator Science & Technology



1,880 students and 450 postdocs were part of our workforce in FY19

Percentage of total LANL population who were former students or postdocs		
36%	61%	33%
All LANL employees (Reg, TRMA)	All R&D scientists & engineers	Managers