

**LA-UR-24-20714**

**Approved for public release; distribution is unlimited.**

**Title:** Technician Opportunities at Los Alamos National Laboratory

**Author(s):** Morrow, Tana  
Sweeney, Jason Robert

**Intended for:** Recruiting presentation at Dona Ana Community College

**Issued:** 2024-01-25



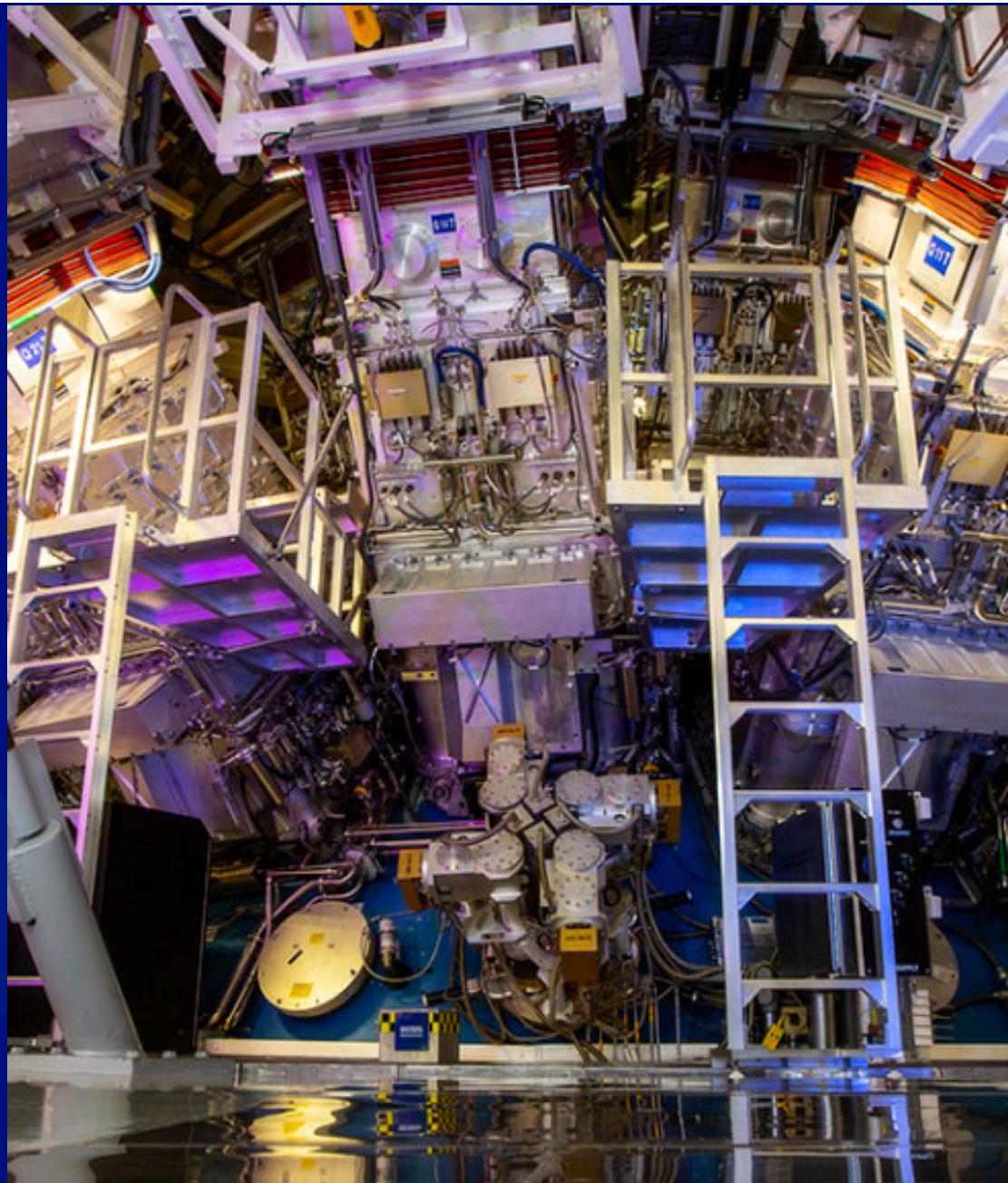
Los Alamos National Laboratory, an affirmative action/equal opportunity employer, is operated by Triad National Security, LLC for the National Nuclear Security Administration of U.S. Department of Energy under contract 89233218CNA00001. By approving this article, the publisher recognizes that the U.S. Government retains nonexclusive, royalty-free license to publish or reproduce the published form of this contribution, or to allow others to do so, for U.S. Government purposes. Los Alamos National Laboratory requests that the publisher identify this article as work performed under the auspices of the U.S. Department of Energy. Los Alamos National Laboratory strongly supports academic freedom and a researcher's right to publish; as an institution, however, the Laboratory does not endorse the viewpoint of a publication or guarantee its technical correctness.



# Technician Opportunities at Los Alamos National Laboratory

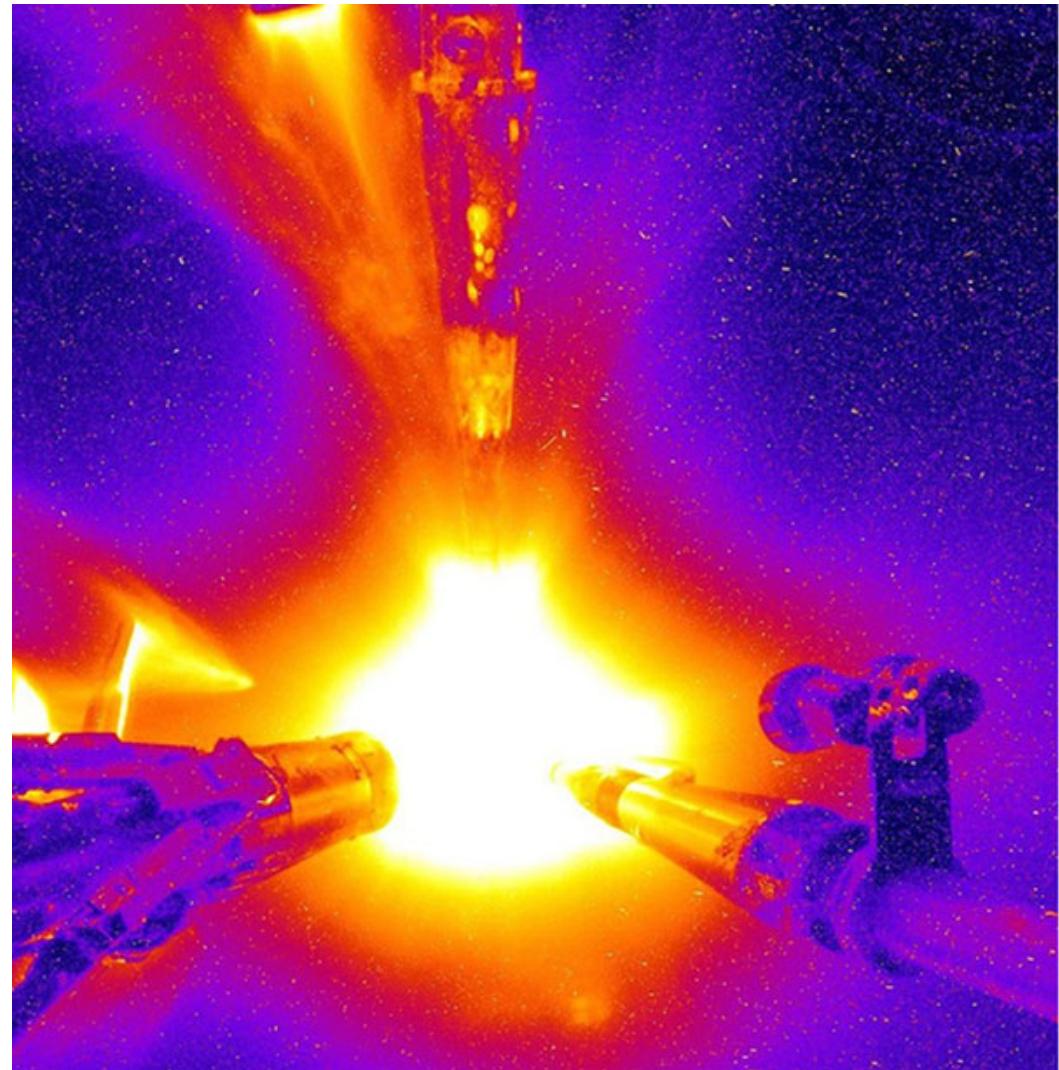
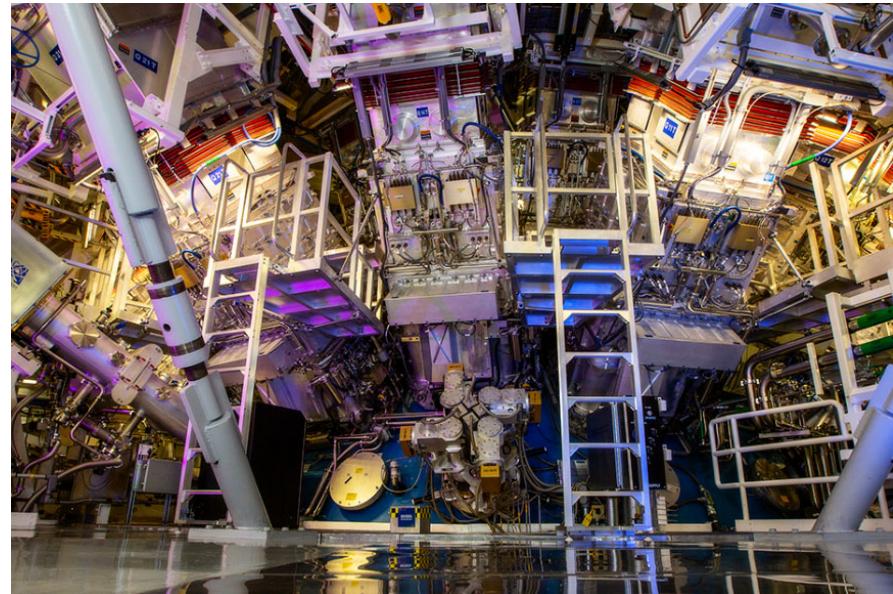
Jason Sweeney and Tana Morrow

01/29/2024



# Overview

- Jason's Backstory
- LANL Science
- Electronic Technician
- Why you should work here
- How to Apply



# Jason's Back story

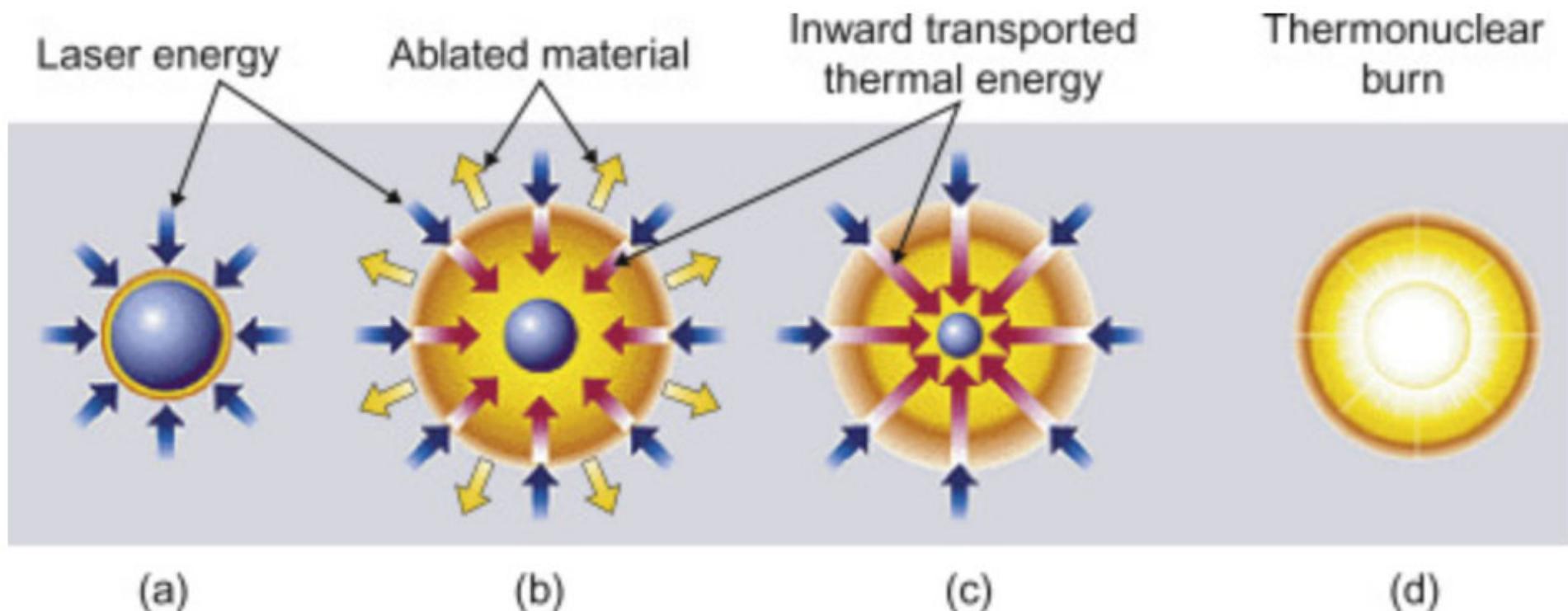
- Associates in Applied Science
- ASE Master Certified Mechanic for 25 years
- Was recruited to join LANL in 2023
- Lead Technician for Diagnostics Team

**We are a small team of Engineers and Technologists working in support of ICF and HED physics research**



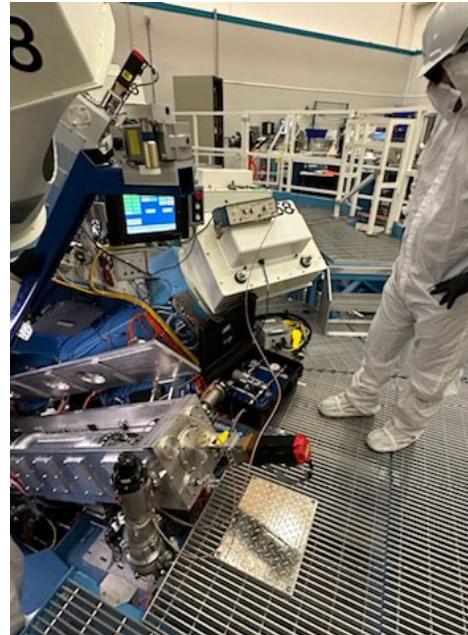
# LANL Science

- Inertial Confinement Fusion is trying to initiate nuclear fusion reactions by compressing and heating targets filled with gas
- These experiments need highly sophisticated equipment to tell scientists what happened.
- The hardware we design, and build must survive extreme environments!



# Why is a background in Electronics useful?

- All our diagnostics have an electrical component.
- We build custom diagnostics
  - Power supplies
  - Digitizers
  - Pulse generators
- We field equipment at many facilities around the country
- We test and diagnose equipment using oscilloscopes and
- Other types of skills that are useful
  - Mechanical skills
  - Vacuum systems
  - Laser Systems
  - Machining & 3D printing



# Why should you work at LANL?

- Los Alamos is only 5 hours away
- It has a lot of fun outdoor activities
  - **Hunting**
  - Fishing
  - Skiing, biking & hiking
- Competitive starting salary, great benefits and well-matched 401k
  - Up to 12 consecutive weeks maternity leave
  - 4 weeks paid parental leave
- We get to see the fruits of our labor.
- Job security! Even during COVID, we had paycheck
- Research never gets boring
  - If you must work for a living why not make it fun!



# How to Apply

- Go to [jobs.lanl.gov](http://jobs.lanl.gov)
  - Enter IRC127450 in Vacancy Name/Keywords
    - Research Technician for Thermonuclear Plasma Physics Group (Research Tec 2)
- Sign up to do a pre-interview with us after class