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Title: Technician Opportunities at Los Alamos National Laboratory

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

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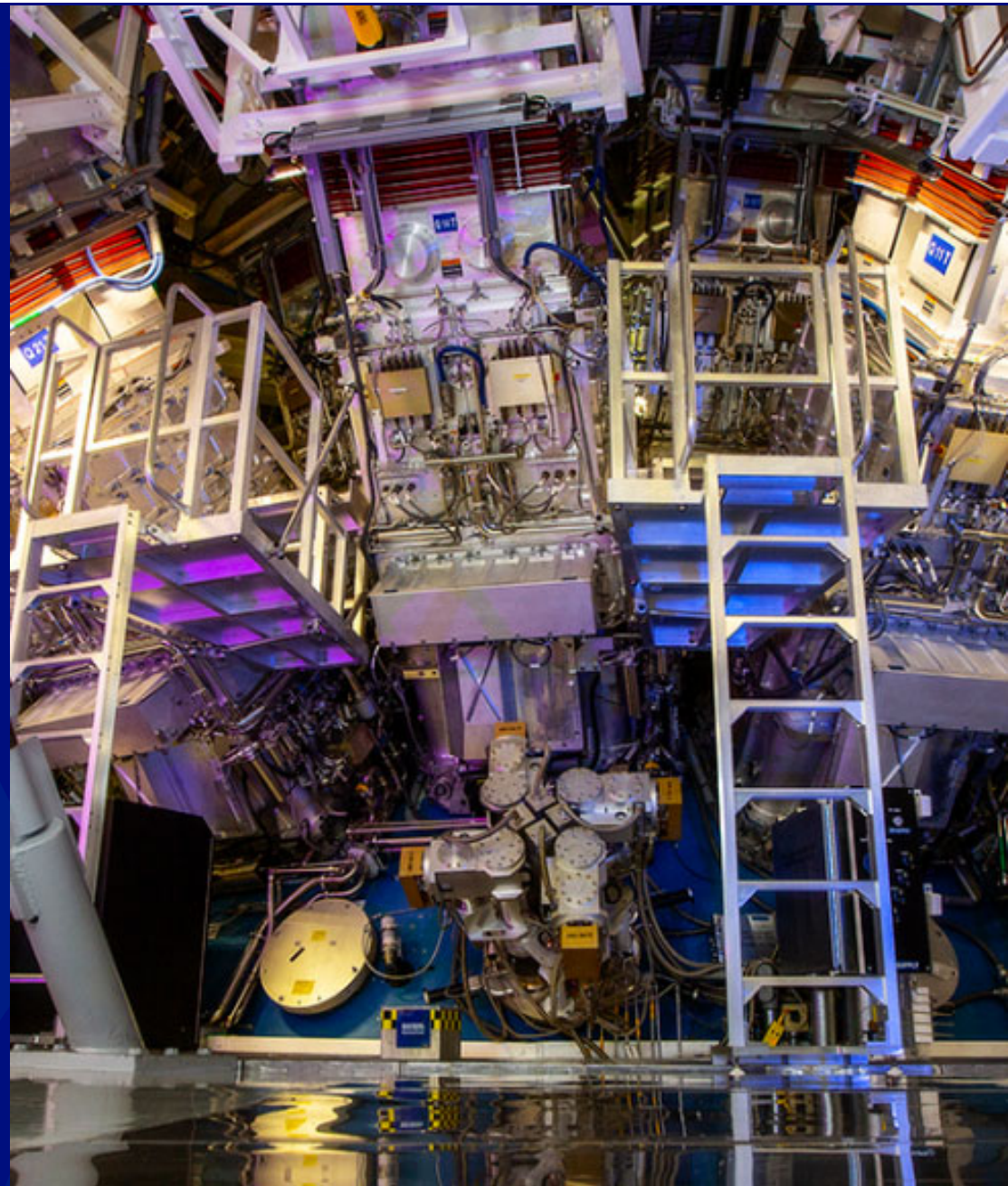
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Technician Opportunities at Los Alamos National Laboratory

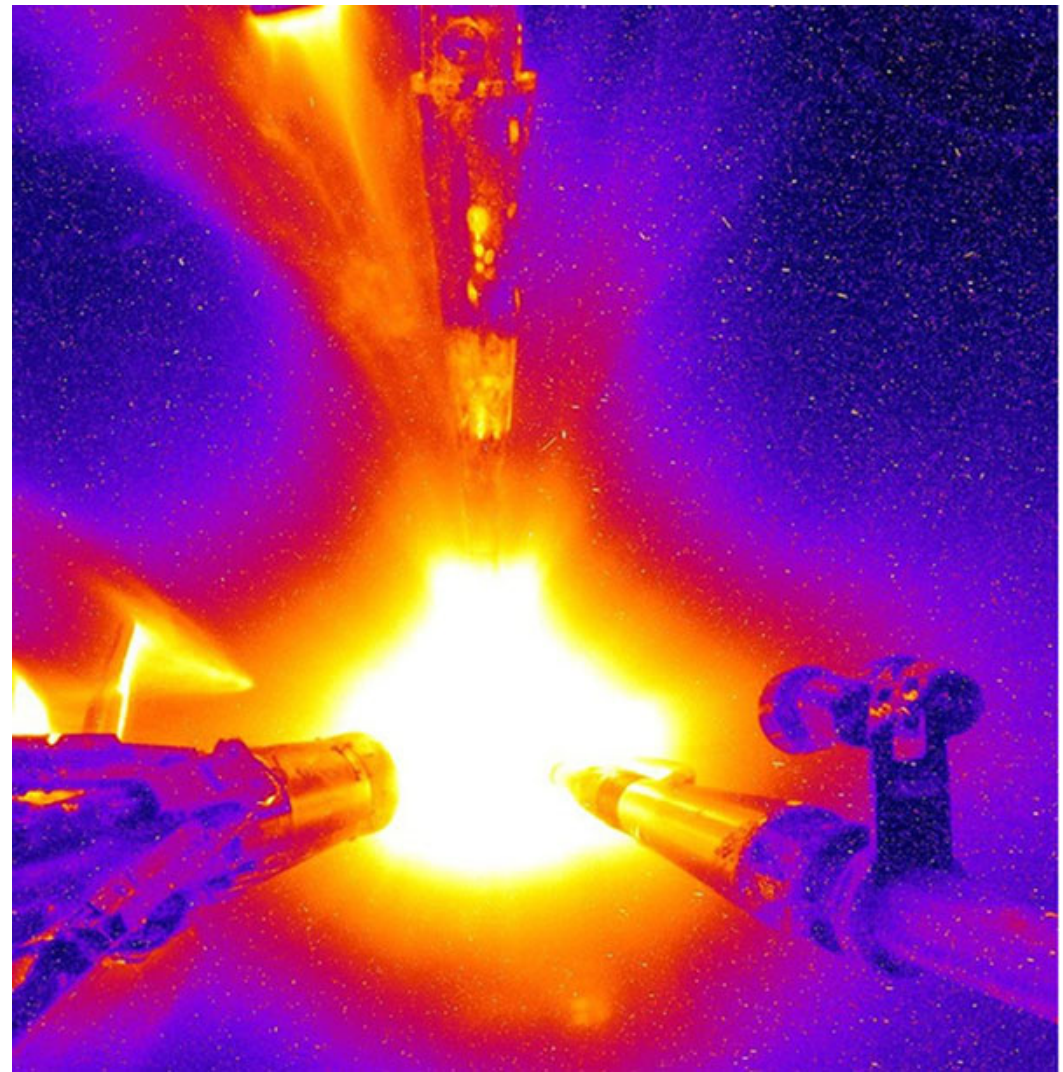
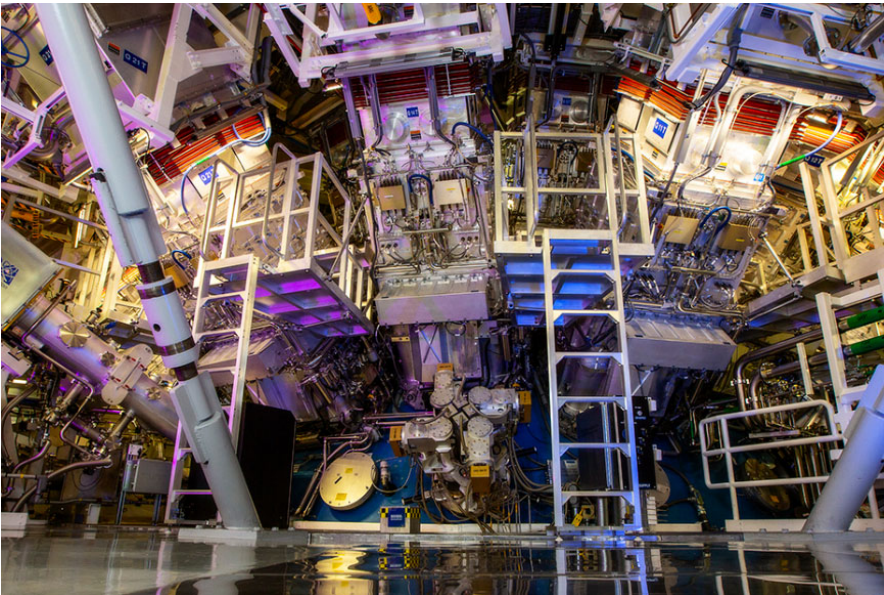
Jason Sweeney and Tana Morrow

01/29/2024



Overview

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



Jason's Back story

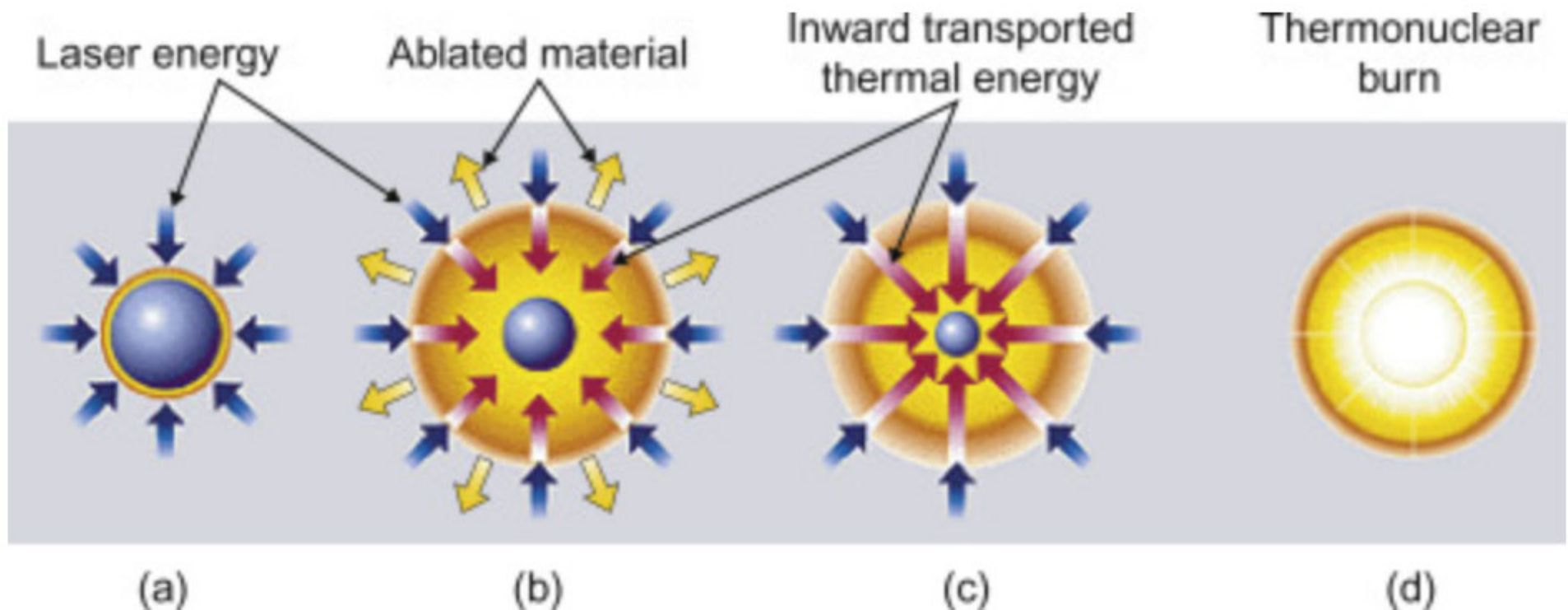
- Associates in Applied Science
- ASE Master Certified Mechanic for 25 years
- Was recruited to join LANL in 2023
- Lead Technician for Diagnostics Team

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



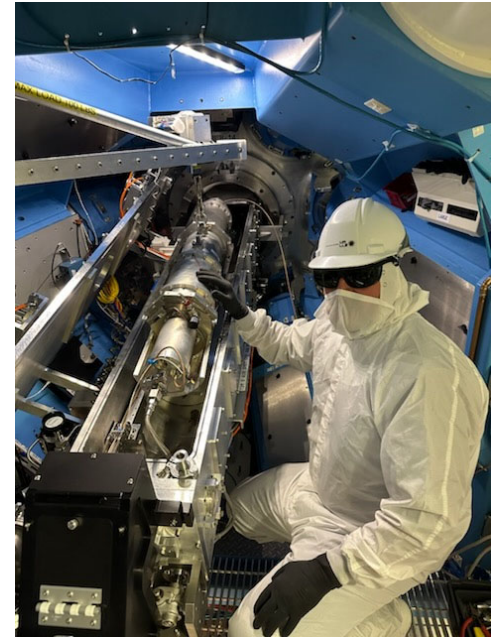
LANL Science

- 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
 - 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

