



***Feynman Center for Innovation
Helping to create jobs and diversify the
economy in northern New Mexico***

Prepared for Economic and Rural Development Committee
August 19, 2015

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Operated by Los Alamos National Security, LLC for the U.S. Department of Energy's NNSA



Los Alamos National Laboratory



Mission:

National Security Science Serving National Interest

- Anticipate, innovate, and deliver solutions
- Span the spectrum: Discovery, Applied Science, Prototypes, Commercialization
- Prime Contract: Appendix N - investing in technology commercialization

Regional Economic Security

- Do more for less funding
- Generate jobs outside of the Laboratory
- Keep the Los Alamos competitive

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**RICHARD P.
FEYNMAN**

CENTER FOR INNOVATION



...Regional Economic Development

LANS Venture Acceleration Fund

Getting innovation to market faster

New Mexico Small Business Assistance Program

Solving New Mexico small business assistance challenges

Licensing Los Alamos Technology

Creating value in New Mexico

MBA Internship

Providing business data for entrepreneurs and inventors

DisrupTECH

*Celebrating disruptive technology created by the minds at
Los Alamos National Laboratory*

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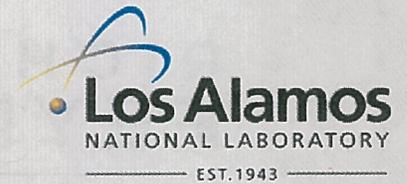
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Slide 3

LANS Venture Acceleration Fund

getting innovation to market faster



Taos Mountain Foods, LLC

- Received a VAF Award in 2014.
- Is expanding into a 10,000-square-foot manufacturing facility in Questa.
- Currently employs 17 people.

Growing in Northern New Mexico

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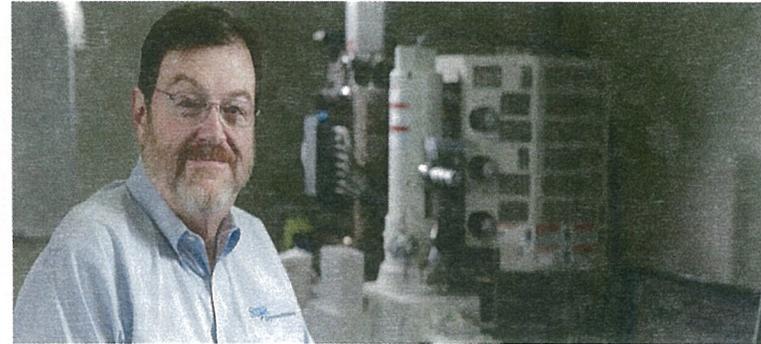


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New Mexico Small Business Assistance Program

Solving New Mexico small business assistance challenges

One Company's Path to Commercialization



Current State .

- Through SBIR Awards and NMSBA projects the company is now commercializing advanced X-ray spectrometer systems.

Commercial Impacts

- STAR Cryoelectronics has doubled revenue since its initial project with NMSBA in 2003.

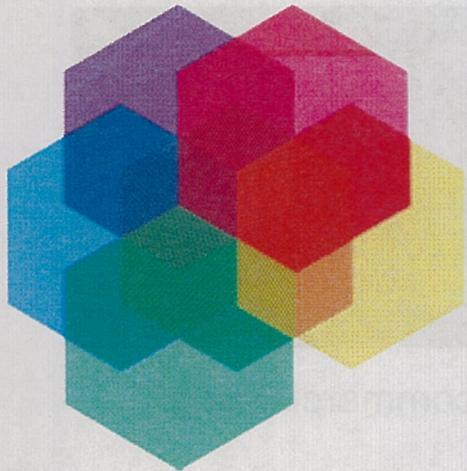
Future

- STAR Cryoelectronics is focused on manufacturing and selling X-ray spectroscopy systems.
- Over the next 5 years the company hopes to manufacture and sell a system a month.

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Licensing Los Alamos Technology in New Mexico



Descartes Labs



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MBA Internship Program

Providing business data for entrepreneurs and inventors

MBA Coursework Business Experience

- Representation from over 30 top business schools *(including New Mexico universities)*
- Interns work with regional entrepreneurs and Los Alamos inventors
- Pipeline and workforce development

25% of Interns have obtained full-time jobs in NM

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DisrupTECH

- A celebration of disruptive technology created by the minds at Los Alamos National Laboratory in the areas of:
 - **BIOFUELS, SECURITY, WATER TREATMENT, INDUSTRIAL PROCESS IMPROVEMENT, SUSTAINABLE FRACKING, SOLAR CELLS, BIOTECHNOLOGY**
- The goals of DisrupTech
 - Expose industry to potentially world-changing, early-stage technologies developed by Los Alamos scientists
 - Spark the entrepreneurial spirit in our scientists, giving them a chance to present their technologies outside of a research setting.

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Examples of Seeding Regional Activities

Power of the Network

Farmington

San Juan Community College
NM Manufacturing Extension
Partnership

Española

Regional Development Corp.
Valley Entrepreneurial Network
Teen Startup Events

Los Alamos

Leadership New Mexico – Los Alamos
Los Alamos Science Fest – LACDC
Los Alamos County
Los Alamos Entrepreneur's Network
New Mexico Consortium
Teen Startup Events

Santa Fe

BizMIX Challenge – City of Santa Fe
Santa Fe Business Incubator
Santa Fe Community College
Startup Weekend Events
New Mexico Economic Development
Department (Statewide)

Socorro

New Mexico Tech

Las Cruces

Arrowhead Center at NMSU
Startup Weekend Events

Colorado

National Renewable Energy Laboratory
Telluride Venture Accelerator

Taos

Taos Entrepreneurial Network
Teen Startup Events

Mora

Mora Entrepreneurial Network

Las Vegas

Las Vegas First Business Alliance
Entrepreneurial Network

Albuquerque

ABQid
Coronado Ventures Forum
New Mexico Angels
New Mexico Bio Association
New Mexico Manufacturing
Extension Partnership
New Mexico Tech Council
Technology Ventures Corp.
TEDxABQ
The BioScience Center
UNM – Anderson School of Mgmt.
Sandia National Laboratories
Teen Startup Events
Startup Weekend Events
STC.UNM
WESST (Statewide)

Roswell

New Mexico Manufacturing
Extension Partnership

Texas

Paso del Norte Clean
Energy Incubator Program

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Our Impact

2,503 companies helped throughout New Mexico

- **2,341 New Mexico small businesses** have utilized Los Alamos and Sandia technical assistance in **all 33 counties**
- **67 New Mexico companies** have licensed Los Alamos technology
- **53 entrepreneurs** have received LANS Venture Acceleration Fund awards
- **46 Laboratory employees** have taken Entrepreneurial Leave of Absence to support **26 companies in New Mexico** and 5 out of state

ROI

\$113.5M
LANS VENTURE
ACCELERATION FUND

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