



Los Alamos National Laboratory Community Involvement and Investment in New Mexico

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The Laboratory has a commitment to be a good neighbor in a close-knit regional community

Overview

Under the Community Commitment Plan the Laboratory has invested \$35M since 2006, working with nonprofit partners to help leverage investments



STEM Education

- Support for K-12 STEM programs
- Los Alamos Employees Scholarship Fund
- Higher Education Partnerships for workforce development



Economic Development

- Investing and partnering to stimulate business growth and job creation
- Technical assistance
- Entrepreneurial networking



Community Giving

- Support for community organizations that improve quality of life in region
- Employee giving funds matched by Los Alamos National Security, LLC
- Coordinate Laboratory employee volunteering

The Community Commitment Plan has had a measurable positive impact on the region

Overview

- Since 2006, LANS has invested more than \$10.4M in STEM education in the seven-county region (Los Alamos, Rio Arriba, Santa Fe, Sandoval, Taos, Mora, San Miguel)
- 1,200 students have received \$6.1M in assistance through the Los Alamos Employees Scholarship Fund (LAESF)
- Our economic development partner, the Regional Development Corporation, has assisted more than 900 businesses, creating or retaining 1,509 jobs since 2006
- LANS and our employees give more than \$3 million annually to non-profit organizations



Laboratory Director Charlie MacMillan talks to a member of the Española YMCA Teen Center robotics team which won prizes at the 2014 and 2015 RoboRAVE International competition.

LAESF Scholarships support educational opportunities for New Mexico students

Education

- In 2017, 144 Northern New Mexico students received \$693,250 from the LAESF scholarship fund
- This year's drive raised more than \$400,000 from Laboratory employees, with LANS contributing a further \$250,000
- In addition to financial support, LAESF scholars are offered internships at the Laboratory



A 2011 graduate of Questa High School, Santana Rael was a LAESF scholar while she completed her civil engineering degree at UNM. She now works full-time at the Laboratory as a civil design engineer.

The Laboratory's student internships provide valuable experience and a pipeline to employment

Education

- In the 2015/16 school year the Laboratory provided internships for 1,639 students
- 58% of the interns were from New Mexico high schools, colleges and universities
- Laboratory offers opportunities for pre-college, undergraduate and graduate internships



Student interns Judah Nixon, Shawn Fernandez and Kayla Nichols at the Laboratory's 2017 Student/Mentor Picnic.

We are working with regional colleges to develop a single STEM education strategy and meet future workforce needs

Education

- **Developing a joint plan that covers the Laboratory's and Northern New Mexico's projected workforce needs long-term**
- **Identifying and satisfying immediate Laboratory workforce needs**
 - Two-year associate's Radiological Control Technician training program at Northern New Mexico College, Santa Fe Community College, and UNM Los Alamos

NORTHERN
New Mexico
College



The Laboratory's Math and Science Academy has educated over 600 regional K-12 teachers

Education

- Since 2006, the Legislature has invested \$750,000 and LANS \$485,000 for stipends to train teachers, with the Laboratory providing full-time technical staff with mathematics education expertise
- The Pathways to Mathematics Excellence project with NM PED provides on-site math teacher coaches in Bloomfield and Pecos schools
- The Partnership School Initiative with Pojoaque Valley School District and Highlands University supports pre-service and in-service training



Laboratory employee Dr Lorenzo Gonzales from the MSA program works with teachers at the 2017 Summer Math Institute.



Native American Venture Acceleration Fund provides seed capital and support to tribally owned businesses

Economic Dev.

- **Native American Venture Acceleration Fund (NAVAF) makes awards to companies for critical technical services that lead to growth**
- **More than \$300,000 invested in 24 tribal companies since 2012**
- **NAVAF investment has generated \$8.8M of new revenue, and created 46 jobs**

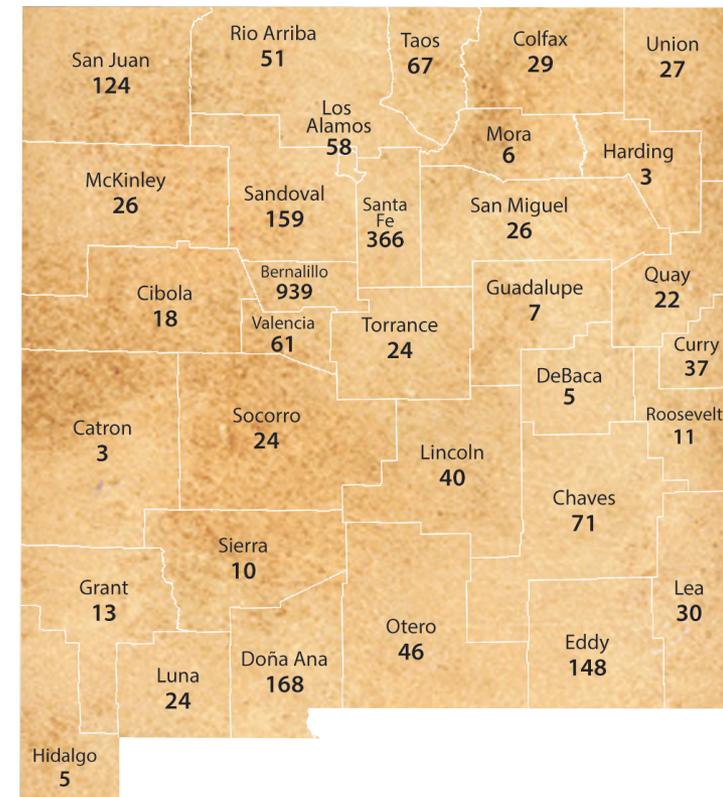


Phoebe Suina from Cochiti Pueblo, Owner, High Water Mark, LLC. Her company received funding to purchase software and equipment to enable the company to competitively bid for federal contracts.

Since 2000, the NMSBA has assisted 2,648 small businesses in New Mexico – 65% in rural areas

Economic Dev.

- **New Mexico Small Business Assistance Program allows small businesses facing a technical challenge to access the unique capabilities of Los Alamos and Sandia National Laboratories**
- **NMSBA receives funding through a tax credit supported by the Legislature**
- **5,734 jobs created or retained since 2000**
- **2017 projections are for \$4.5M to \$4.8M of assistance to around 350 small businesses**



The NMSBA has helped businesses in every New Mexico county.

Laboratory employees donate time, talent and money to improve the quality of life in the region

Community Giving

- **2016 Employee Giving campaign raised \$2.2M, with \$1M matched by LANS**
- **Since 2006, 3,000 employees and retirees have logged 1.8 million hours of volunteer time**
- **In 2016 the Laboratory and its employees provided 900 backpacks and 300 pairs of shoes for students, 37,288 meals, and 1,095 Holiday gifts**



Laboratory volunteers working on a Habitat for Humanity build in Taos in August 2017.

We invite you to take the opportunity to visit the Bradbury Science Museum

Invitation



Patricia Chavez, a student from New Mexico Highlands University, cuts the ribbon to open the Manhattan on the Mesa exhibit, which was developed in conjunction with the Program for Interactive Cultural Technology at the university.



The exhibit features an immersive experience of Manhattan Project National Historical Park properties at the Lab that includes exteriors, interiors, sounds and even smells.

The Laboratory values its community partnerships and investment in New Mexico

Conclusion

- **Our education programs and partnerships have a positive impact on student achievement and address regional workforce needs**
- **The Laboratory's economic development investments and initiatives help stimulate business growth and create jobs**
- **Our support for regional nonprofits address critical community needs**



The Laboratory's 2017 Back to School drive provided 989 backpacks with school supplies to public school districts and tribal schools for the start of the school year.