

# Santa Fe County

## Los Alamos National Laboratory

### 2013-2014 Impacts and Investments

Santa Fe County is home to 1,982 LANL employees and contractors. As of July 2013, \$250,917,180 in annual base salaries was being paid to LANL employees (excluding contractors and craft employees) in Santa Fe County.

In FY13, LANL purchased \$14,993,363 in products and services from businesses in Santa Fe County.

Santa Fe is one of seven Northern New Mexico counties identified in the Lab's maintenance and operations contract with the National Nuclear Security Administration that is targeted for education, economic development, and charitable giving programs through the Los Alamos National Security, LLC (LANS) Community Commitment Plan.

#### Education

The Laboratory's goal in education is to enhance regional Science, Technology, Engineering, and Mathematics (STEM) education and enrichment initiatives through Workforce Development, Student Internships, Teacher and Faculty Professional Development, and Public Understanding of Science. The Laboratory is committed to investing and partnering in STEM education initiatives that have a positive impact on student achievement.

**Employee involvement:** In 2013, LANL employees provided 1,318 hours to various STEM initiatives that support Santa Fe. Students and teachers from the following schools in Santa Fe County participated in one or more of LANL's regional education programs.

- Academy for Technology and the Classics
- Acequia Madre Elementary
- Capital High School
- Chaparral Elementary
- Desert Academy
- E.J. Martinez Elementary
- Gonzales Community Schools
- NM School for the Deaf
- NM School for the Arts
- Ortiz Middle School
- Pablo Roybal Elementary
- Piñon Elementary
- Pojoaque Middle School
- Pojoaque Sixth Grade Academy
- Pojoaque Valley Intermediate
- Salazar Elementary
- Santa Fe High School
- Santa Fe Indian School
- Santa Fe Preparatory School
- Santo Nino Regional Catholic Sch.
- Sweeney Elementary
- Tesuque Elementary
- The MASTERS Program
- Turquoise Trail Charter
- Wood Gormley Elementary

### **Los Alamos Employees' Scholarship Fund: Santa Fe County**

The 2014 Los Alamos Employees' Scholarship Fund Gold Scholar recipient is Greta Miller of Santa Fe High School. The total amount of the scholarship is \$20,000. Additionally, 29 students from Capital High School, Desert Academy, McCurdy Charter School, Monte del Sol Charter School, New Mexico School for the Arts, Pojoaque Valley High School, Santa Fe High School, Santa Fe Indian School, Santa Fe Preparatory School, and St. Michael's High School were awarded a total of \$154,500 in academic scholarships.

Since 2007, \$1,002,000 in scholarship funds have been provided to students in Santa Fe County schools.

### **LANL STEM Challenge**

The LANL STEM Challenge was designed in 2013 for the purpose of challenging Northern New Mexico middle and high school students to design a project of the future by researching the work that the Laboratory does and then applying that knowledge to propose their own imaginative project through an essay, app design, poster, or video. Sube, Inc., a small, woman-owned business in Taos has been contracted to implement this online STEM Challenge.

### **Los Alamos National Security STEM Sponsorships**

- Rising Stars in the Southwest Academy
- Reaching for the Stars – Dreams to Careers Program
- Santa Fe Hispanic Chamber of Commerce Education Networking Event
- Santa Fe Public Schools Underwater Robotics Program
- Santa Fe Science Initiative

### **Santa Fe Community College**

Los Alamos National Laboratory has invested \$500,000 since 2009 to support the Sustainable Technologies Programs at Santa Fe Community College. Two hundred students have graduated from these programs.

### **Northern New Mexico Math & Science Academy**

The Northern New Mexico Math and Science Academy (MSA) was established in 2000. This three-year professional development program focuses on standards-based education using today's research-based concepts and instructional strategies. Assessment, data analysis, and technology are integrated at every level. More than 400 K-12 teachers have participated. Additionally, through a partnership with New Mexico State University, 57 teachers have earned Master's degrees in teaching math and science. Currently, eight MSA teachers are enrolled in a doctoral program at the University of New Mexico Educational Leadership Program, and seven Bureau of Indian Education K-8 teachers are enrolled in the University of New Mexico Educational Leadership Program for Native American teachers.

### **Future City Competition**

The Future City Competition is a national, project-based learning experience in which students in grades six through eight can imagine, design, and build cities of the future. Students work as a team with an educator and an engineering mentor to plan cities using SimCity software, research and write solutions to an engineering problem, build tabletop scale models with recycled materials, and present their ideas before judges at Regional Competitions in January. Winners represent their region at the National Finals in Washington DC in February. The first-

ever New Mexico Future City Competition was implemented in the 2013-14 school year through a partnership between Los Alamos and Sandia National Laboratories. Participating Santa Fe County schools in 2013 included two teams from Turquoise Trail Charter School, which were awarded Best Safety and Most Energy Efficient designs.

### **LANL High School Co-op Program Presentations**

The High School Cooperative (HS Co-op) Program provides qualified Northern New Mexico high school seniors with an opportunity to develop skills and gain work experience while receiving exposure to a variety of career fields. This popular program provides employability skills and assists local area high school students with the school-to-work transition.

Presentations were made at the following schools in Santa Fe County:

- Capital High School
- Santa Fe High School
- Santa Fe Indian School
- Santa Fe Preparatory School
- St. Michael's High School
- Pojoaque High School

### **Accelerate Technical Job Training Program**

A regional technical training and job placement workforce development program designed to graduate more technical career students, place them in jobs, and better prepare them for career and educational advancement. Participating colleges include: Luna Community College, New Mexico Highlands University, Northern New Mexico College, Santa Fe Community College, University of New Mexico-Los Alamos, and University of New Mexico-Taos. A total of 73 students from Santa Fe County have participated in this program, and 18 students have graduated to date.

### **Northern New Mexico Inquiry Science Initiative**

A regional program managed by Los Alamos National Laboratory Foundation designed to improve K-8 student academic achievement in science, math, and literacy and to meet or exceed State requirements. The investment in this program has benefited 38 schools in seven Northern New Mexico districts and more than 1,200 students. A total of 8,599 students in Santa Fe County have participated in this initiative.

### **Bradbury Science Museum**

In 2013, more than 3,485 Santa Fe County students and teachers participated in science education programs offered by the Laboratory's Bradbury Science Museum. In addition to hosting school visits at the Museum, our science educators take presentations to students in their own schools through the Science on Wheels program.

### **United Way of Santa Fe County**

This organization is our employee-giving campaign partner in Santa Fe County, and its Santa Fe Children's Project programs include:

- First Born – Early Childhood Development Programs (prenatal to age three)
- Early Learning Center for children age four
- Community School for children ages five through 13
- Santa Fe: Mobilizing for Education Excellence

Since 2007, LANL/LANS contributions to the Santa Fe Children's Project through United Way of Santa Fe County have totaled \$1,001,300.

## Economic Development

Los Alamos National Laboratory is committed to investing and partnering in economic development initiatives and programs that help stimulate business growth, create jobs, and strengthen communities in Northern New Mexico.

The Laboratory has been involved with the Santa Fe business community as a member and strategic partner with the Santa Fe Chamber of Commerce since 1990, the Santa Fe Business Incubator, and the Northern New Mexico Chapter of the New Mexico Technology Council.

**Los Alamos Connect**, the principal economic development investment of LANS and Los Alamos National Laboratory, is comprised of coaching, networking, research, technical assistance, and investment programs designed to help businesses reach the next level of success, create an entrepreneurial culture, and positively impact the economy in Northern New Mexico. Los Alamos Connect programs include:

- **Venture Acceleration Fund**—investments in companies to help them take their innovations to market more quickly
- **Native American Venture Acceleration Fund**—investments to help Northern New Mexico Native American owned and operated businesses create jobs and increase revenue
- **Market intelligence**—market research for small businesses and entrepreneurs
- **Springboard**—expert coaching for companies facing strategic decisions
- **Entrepreneurial networking**—connecting entrepreneurs to community resources
- **Business expansion and retention**—development strategies to support growth and success

### New Mexico Small Business Assistance Program

This resource enables LANL to provide assistance at no cost to small businesses facing technology challenges.

In 2013, the following Santa Fe businesses and entrepreneurs received assistance from one or more of our Los Alamos Connect and New Mexico Small Business Assistance economic development programs:

- Action Estate Pros, LLC
- Aerblock Enterprises, LLC
- Aerolenz
- AttoLight Group
- Awakening In Taos
- Awesome Harvest, LLC
- Barraclough & Assoc. P.C.
- Batterade, LLC
- Bioproses Diagnostics
- Burtard Enterprises
- CAFO Web Modules
- Cancer Foundation of NM
- Center for Orthopaedic and Sports Performance Research, Inc.
- Coca-Cola Bottling Company of Santa Fe
- Comfort Keepers
- Decysive Systems
- Duel - Belgian Style Brewing and Taproom
- Duel Brewing Company
- Dye Shelton Accounting
- Environmental Geochemistry, LLC
- Evolving Energy
- Flow Science
- Focus Biomedical
- Gilbert Delgado

- Global Center for Cultural Entrepreneurship
- Glorieta Geoscience, Inc.
- GO Electric, LLC dba GO Solar
- Guadalupe Credit Union
- Healthy Living Spaces
- Herbs, Etc., Inc.
- Innovative Organic Solutions Intl., Inc.
- Integrative Enzymatics
- Intermodal International & Associates, LLC
- Jack Rabbit Systems
- Kreger Design Build, LLC dba Rain Vessels
- Lopez & Sakura, LP
- Marty's Meals
- Mesa Tech International, Inc.
- Michelle Henrie, LLC dba MHenrie Land Water Law
- Milk + Honey
- MS Flawless Goddess, LLC
- National Water Services, Inc.
- New Mexico Algae, LLC
- New Mexico Workforce Connection
- New Water Innovations
- NM Recycle Coalition
- OpenEye Scientific Software, Inc.
- Palate Passion
- PediBioMetrix, LLC
- Performance Maintenance, Inc.
- Phase One Ventures
- Phyteau Functional Foods
- Planitmapper
- Positive Energy Solar
- Pristina Natural, Inc.
- Rio Grande Neurosciences
- Roofcare
- Samobi Industries, LLC
- San Ildefonso Development Corporation
- Santa Fe Traveler
- Seamless Medical Systems, LLC
- Sequedex
- SportXast
- Sunbeam Indian Art
- Synfolia
- Than Povi
- UC Charting Solutions
- Vista Therapeutics, Inc.
- Vitre International, LLC
- Wise Energy
- Zadro Visualz

### **Subcontractor's Regional Community Development Plans**

The Lab's major subcontractors with contract awards of \$5 million or greater are required to submit a Subcontractor's Regional and Community Development Plan to address economic development, education enrichment, and corporate citizenship in Northern New Mexico. The LANL Major Subcontractors Consortium (MSC) serves as a community development collaboration platform and enables the subcontractors to increase the impact of their regional community development plans. In 2013, LANS matched contributions to the LANL Major Subcontractor's Consortium Grant Pool program. This match enabled the LANL MSC to award eight economic development grants to regional not-for-profit organizations supporting industry cluster development in Northern New Mexico.

## **Community Giving**

Los Alamos National Laboratory is committed to giving back to its Northern New Mexico neighbors. Our Community Programs Office manages a variety of giving programs to provide opportunities for LANL employees and retirees to make gifts of time, talent, and money to improve the quality of life of our neighbors.

### **LANL Employee Giving Campaign**

\$981,934 in LANL/LANS contributions have gone to eligible nonprofit organizations in Santa Fe County (other than the Santa Fe Children's Project) since 2007.

**LANL Vecinos Volunteer Recognition Event** – Since 2007, LANS donations to organizations supported by LANL employees and retirees have amounted to \$88,052.

**Los Alamos National Laboratory Drives in 2013:**

- **LANL Laces** – Fifty-two pairs of new shoes were given to Santa Fe County students
- **School Supply Drive** – One hundred backpacks filled with school supplies went to elementary and middle school students in Santa Fe County schools
- **Holiday Gift Drive** – LANL employees donated 186 holiday gifts to Santa Fe County children and adults
- **Holiday Food Drive** – One hundred and four boxes of food and 143 turkeys were given to Santa Fe County residents