Sandia pumped an all-time high of nearly $3.68 billion into the economy in fiscal year 2019 by spending on goods, services, payroll, taxes and other payments, Labs Director James Peery announced during a news conference on Jan. 15.

“Sandia is proud of the past success but will not rest,” James said. “We will keep building on these successes and seeking partnerships with highly qualified, diverse suppliers that can contribute to Sandia’s national security mission and spur economic growth in New Mexico and across the country.”

A big part of the spending impact included $1.54 billion in payroll. Sandia added more than 1,100 new positions last year, helping to raise the number of Sandia employees above 14,000 for the first time.

The more than $1.41 billion spent to purchase goods and services from suppliers in fiscal year 2019 also played a significant role in the overall economic impact.

By Michael J. Baker

A new paper-thin radio-frequency detector designed to work inside a lithium-ion battery provides information about the battery’s health while charging and discharging.

“It could enable researchers to check a battery’s function and capacity after years of storage without destroying it,” said Sandia physicist Eric Sorte.

The work, funded by Sandia’s Laboratory Directed Research and Development program, will help researchers better understand and characterize batteries to improve them for renewable energy storage and national security applications. Manufacturers also might use this one day to run diagnostic tests, Eric said.

**Inner workings**

As a lithium-ion battery powers an electronic device and then recharges, chemical and physical changes happen inside that reduce its function over time. Molecular side products form as lithium ions nestle into and leave each electrode. These molecules can consume the active lithium and reduce a battery’s capacity. Electrodes also can undergo unwanted chemical changes, reducing their ability to stay charged. Microscopic spikes of lithium can grow from an electrode surface, consuming key charge-carrying ions and creating potentially flammable conditions.

As researchers work to improve the performance of lithium-ion batteries, they tweak a battery’s chemical components and cycle the system through many charges and discharges. Then they open the battery and examine the materials under a microscope to see how their structure and composition have changed. Researchers could get that information much faster if they could monitor conditions inside a battery as it charges and discharges. One way they currently do that is with a technique that uses...
IMMERSED IN INDUSTRY — U.S. Air Force Capt. Antonio Gallop is the first Education With Industry student hosted at Sandia National Laboratories.

By Michael J. Baker

F or the first time, Sandia is hosting a student in the prestigious U.S. Air Force Education With Industry program, a highly selective program that pairs participants with industry leaders in their career field.

Sandia’s Military Liaison group is sponsoring Capt. Antonio Gallop, also the Air Force’s first 21M Munitions Missile Maintenance officer ever selected for the program.

“Understanding the Department of Energy acquisition and the lifecycle management process of the deterrence mission of the nuclear weapons enterprise is phenomenal,” Antonio said. “It’s invaluable to understand how the industry works, and how I can bring that knowledge back to the Air Force.”

Antonio has led logistics and maintenance technicians on three different continents, with assignments in North Dakota, South Korea and the United Kingdom. His last assignment before joining Sandia was as a Major Command-level evaluator on the United States Air Forces in Europe Inspector General team stationed in Germany.

“We are very fortunate to have Capt. Gallop and want to welcome him to the Sandia team,” said systems engineer Mark Meyer with Sandia’s Military Liaison group.

Antonio has been in the Air Force for just over eight years, joining after graduating from the University of Florida with a history degree over eight years, joining after graduating from Sandia’s Military Liaison group.

“Antonio’s training can locate him through the Labs’ employee directory,” Mark said. “During Antonio’s first weeks, he gained hands-on experience with a B83-1 Type 3 trainer, assisted with facilitating and training more than 500 students from all over the U.S. nuclear enterprise and took the lead to conduct nuclear stockpile orientation training for the new commander of the 377 Air Base Wing at Kirtland Air Force Base. It’s our goal to immerse Antonio into a wide range of Sandia mission areas such as stockpile sustainment and annual assessment, as well as research and development for life extension programs here and at other locations such as Pantex and Kansas City National Security Campus,” Mark said. “When he returns to the USAF after 10 months, Antonio will have a much better understanding of how his military requirements for weapons, test gear, handling gear and publications are translated into operational stockpile systems.”

As a 21M Munitions Missile Maintenance officer, he will use this Education With Industry experience to enhance mission readiness and combat capability for the land-based intercontinental ballistic missiles and air delivered systems, which is two-thirds of the U.S. nuclear triad deterrent mission, Mark said.

Sandia employees wishing to help with Antonio’s training can locate him through the Labs’ employee directory.
PASSING THE BATON — Incoming Labs Director James S. Peery, left, works closely with outgoing Labs Director Steve Younger to ensure a smooth leadership transition.

By Michael Ellis Langley

In his first week on the job, Labs Director James S. Peery told all-hands meetings in New Mexico and California about his initial priorities, “enormous passion” for national security and commitment to a diverse, inclusive workforce. “I am a Sandian. I think I know what makes this laboratory tick,” he told the crowd in California. “I want to thank you and your families for all the sacrifices you make to keep this nation secure.”

James called inclusion and diversity a business imperative. He told the audiences that stodgy, now diverse teams are more innovative and higher performing. “We’re in the innovation business. Why wouldn’t we want diverse teams?” he said. He asked his audiences to cast aside the traditional distinction between mission enabling and mission delivery organizations, which can create barriers and make people believe they aren’t contributing equally to Sandia’s mission. He said his goal is to remove barriers. “We’re all in the fight together,” he said.

Innovation race

James in both talks pointed to a variety of global threats, saying that the U.S. is in an innovation race with many countries, but significantly with China, to advance technology. He said bureaucracy in research and development has grown and is creating real hurdles to discovery. Sandia’s leaders must not be afraid to dive into the crucible of scientific discovery and take technical risks, he said.

He told the panel he would try to change some of the institutional impediments to risk and innovation. “Another angle of this that really worries me is our fear of failure,” James said. “Today, there is little tolerance with failure. One of the ways we learn is through making mistakes. Much of science progresses through trial and error.”

That fear of failure was one issue James said he raised when he was interviewed for the Labs’ top spot. He told the panel he would try to change some of the institutional impediments to risk and innovation.

Top priorities

James said he is joining the existing leadership team and looking ahead, not back. “Based on my experiences at Sandia and other national labs, I want to apply best practices to key areas,” he said.

In addition to accelerating innovation, creating more inclusion and advancing operational excellence, James said his top six priorities for the next three months are the W80-4 schedule, increasing trust across the Labs, benefits and compensation, the efficacy of tier accountability, hiring the new associate Labs director for Infrastructure Operations, and listening and learning from the workforce.

James took time in both addresses to encourage everyone to feel pride in the accomplishments of all Sandians. “I think that’s something we need to work on at Sandia. I think we need to celebrate our innovation,” he told both audiences. “I’m really excited to be here. What you’re doing is absolutely amazing and I am glad to be a part of it again.”

James joined Sandia as a researcher in 1990, worked at Los Alamos National Laboratory from 2002 to 2007, returned to Sandia until 2017 and spent the past two and a half years as associate director for national security programs at Oak Ridge National Laboratory. His complete biography is available on sandia.gov/about/leadership.

Employees can watch the recorded New Mexico or California all-hands meetings on Sandia’s internal digital streaming library.

LABS VISION — New Labs Director James S. Peery introduced himself and shared his plans for the Labs’ future with the workforce at two all-hands events last week.

Photo by Randy Montoya

WARM WELCOME — Audiences filled auditoriums in New Mexico and California last week to meet new Labs Director James S. Peery.

Photo by Lonnie Anderson

Inside a working battery

CONTINUED FROM PAGE 1

the same principles as magnetic-resonance imaging in hospitals. This method provides clues to a molecule’s structure and environment by looking at signals from a specific element in that molecule.

Here’s how it works: First, the instrument sends a pulse of radio waves tailored to interact with a specific atomic nucleus in elements such as lithium, sulfur or hydrogen. As a nucleus settles back to its original state, it gives off a signal that changes predictably depending on an atom’s surroundings.

Researchers have used this technique to look at chemical changes in batteries before, but they had to modify battery components in ways that don’t exist in working batteries. This new detector, created by Eric and his colleagues, is designed to work in batteries as they are made for everyday use.

Thinner than a sheet of paper, the detector strip can be made to fit inside a battery of any shape. The researchers have already slipped one inside a commercially available battery. They imagine one day inserting detector strips into batteries during manufacturing so they already contain the component needed for a quick health check.

Unique signal indicators

Using the detector, Eric and his colleagues can see unique signals for lithium ions as they interact with the material in each electrode. This enables them to track how much charge a battery holds throughout repeated charging and discharging cycles; declining capacity is a sign that a battery is dying.

The researchers can also see unique signals from molecules produced during side reactions as a battery operates. They can monitor these molecular side products and then tweak a battery’s chemical components to reduce undesirable reactions. These changes can help them improve batteries to have properties needed for applications such as large-scale renewable energy storage. Manufacturers also could use this device one day to perform diagnostic tests on batteries, Eric said.

The same approach and detector strip could be used to look at the inner workings of vanadium flow batteries and other chemistries too, he added. Eric also is working on monitoring the inner life of batteries using the electrodes already present, so that no additional components would be needed.
Sandia's close to $3.68 billion in spending was The more than $1.41 billion spent on goods and the state's small companies. Total U.S. small business ing was up about $47.2 million with New Mexico of subcontract payments to New Mexico companies. 

New Mexico small businesses received nearly $364 million, about 71% total subcontracting amount. New Mexico small businesses received more than $1.32 billion spent on subcontract spending. Nearly $522 million was spent on New Mexico 

Committed to small business

The data released in January also showcases Sandia's commitment to small businesses, which received nearly $784.2 million in subcontract awards in fiscal year 2019. New Mexico businesses received more than $599.4 million in subcontract awards, about 39% of the total subcontract awards. New Mexico small businesses received nearly $364 million, about 71% of subcontract payments to New Mexico companies. Compared with fiscal year 2018, subcontract spend ing was up about $47.2 million with New Mexico businesses, with much of that increase coming from the state's small companies. Total U.S. small business spending for fiscal year 2019 increased by nearly $127.9 million from the previous year.

Small businesses are essential to Sandia's success in accomplishing our national security mission," said Delilma Salazar, senior manager of supply chain integra tion. "We will continue to focus on developing those relationships in an effort to support eco nomic growth in New Mexico and the nation.

Symbiotic relationships

One New Mexico company benefiting from Sandia's maintenance focus on small businesses is Albuquerque-based nStone Corp., a consulting engineering firm that has supported Sandia since 2011. “We've had a great continued relationship with Sandia,” said nStone President Donald Lincoln. "Sandia is very easy to work with. They bend over backward to be helpful, and they want us to be successful.”

nStone provides engineering services in the areas of facility maintenance management, environmental safety and health operations, construction projects, project management, quality assurance, real property management and maintenance and several other areas.

“Our team has a strong history of support with Sandia and understands the challenges of working at both the New Mexico campus and the remote locations,” Lincoln said. “We are proud to support Sandia's critical national defense mission now and in the future.”

Small and diverse suppliers

Sandia seeks out small businesses like nStone through a variety of programs, as well as hosting public forums with suppliers and civic leaders to discuss subcontracting opportunities and listing opportunities on its (Supplier Portal). The Labs launched a 5% pricing preference for New Mexico small businesses in fiscal year 2018 and developed a mentor-protégé program based on the DOE model for small businesses in fiscal year 2019.

“Small businesses, especially those right here in New Mexico, are what makes Sandia's mission a success,” said Paul Sedillo, Sandia's small-business program manager. "Sandia recognizes the value of small, local and diverse busi nesses and continues to make a conscious effort to meet with local suppliers and increase spending in New Mexico.”

For the past three years, Sandia has hosted small-business open houses to meet with business owners and representatives. In fiscal year 2019, Sandia hosted eight such events attended by 451 companies who met with subcontract profession als, supplier diversity advocates and other Sandia personnel, and learned about the New Mexico Procurement Technical Assistance Center, a free New Mexico small business resource center. In fiscal year 2019, Sandia added more than 537 new small businesses to its supplier base. In all, small businesses represent 65% of Sandia suppliers.

Subcontract-related payments were up across multiple federal small business categories, including small disadvantaged, women-owned, veter an-owned, service-disabled veteran-owned and small businesses in impoverished, HUBZone areas. “The Sandia small business team partners with a variety of agencies and national labs across the country to provide education on opportunities for local businesses to grow at Sandia, as well as within the industry as a whole,” Paul said. “Sandia had a lot of great opportunities in 2019 for small and diverse suppliers. Expect to see more great opportunities in 2020.”
When nuclear radiation hits electronics, it cuts through semiconductors, leaving scars of charged particles that can flip computing bits and corrupt memory circuits, potentially disabling devices or causing erratic errors.

Experts like engineer Alan Mar ensure computer programs for the U.S. nuclear stockpile pass stringent standards to resist radiation and remain safe and reliable in extremely harsh environments. Alan, who has worked at the Labs for 25 years, has been honored by the Society of Asian Scientists and Engineers with a 2019 Professional Achievement Award.

The society recognized Alan as someone who “has made significant discoveries, made important advancements in his or her chosen career path and is acknowledged as a leader of large initiatives.”

Former Labs Director Steve Younger said Alan “has approached his remarkable career with a sense of continuous growth. The depth and breadth of knowledge he has gained in diverse research and technical areas makes him both an invaluable contributor to our national security mission and an important mentor to the next generation of scientists and engineers.”

Jason Shelton, Alan’s manager, added: “I’ve come to appreciate his dedication to the work and to Sandia’s national security mission.”

Alan said that a lot of the work Sandia does is invisible to the public.

“When we insert a new technology that makes us more confident that our stockpile systems are more reliable under storage over decades, I think they’re both very worthy things to strive for, but this pride is something sort of special to Sandia in fulfilling our core mission.”

State-of-the-art computer modeling

Alan is now leading a team of researchers to make a push over the next five years to reach a major accomplishment in his field.

Currently, the models Alan uses focus only on specific parts of a system because a comprehensive calculation could take months or longer to churn through, even on high-performance computing platforms. An integrated circuit — or chip — can have millions of transistors, each one requiring its own set of calculations. And that’s just one small part of a whole component.

Using a Sandia-developed code sponsored by NNSA’s Advanced Simulation and Computing program, Alan’s team wants to build a computer model that can predict the radiation effects on a whole weapons component.

Advanced modeling speeds up weapons research, development and qualification. It also lets researchers model changes in experimental conditions that increase the total radiation dose, change how fast a device gets that dose and mix and match destructive elements like neutrons, energy and heat in environments that cannot be recreated in experimental facilities.

“We can’t always replicate an environment that our systems may see,” Jason said. “It may take years to build a facility, but with this modeling capability that’s being established, sometimes you may be able to get a answer sooner by running a simulation.”

Whole-model holy grail

The path to Alan’s whole-model holy grail, he said, is largely marked by two goal posts.

The first goal is eliminating inefficiencies in the current code.

“We work very closely with the code developers and we show them the long poles in the tent when we see them, in terms of calculations that take a lot of time to run,” Alan said. This feedback enables developers to improve the efficiency of their models.

“Over the past five years, Sandia has focused on bringing change in behaviors of Sandia’s majority-white male population. Leaders who attended the training reported a change in attitude and behaviors.”

The second goal is to lump together parts of a system into a kind of mathematical abstraction “that doesn’t incorporate all the devices under-neath, so that block runs a lot faster than if you did it brute-force with all the circuit elements that were originally there,” he said.

The technique has already been shown to shrink computation times from weeks to minutes while maintaining an accurate estimation of a device’s response to radiation, he said.

Jason said Alan works tirelessly to push the forefront of technology, especially in modeling.

“How can we make the models run faster? How can we make them more accurate? He’s not happy with the status quo,” Jason said. “He asks: ‘What’s next?’”

SANDIA LAB NEWS | January 17, 2020

SASE honors Alan Mar

By Troy Rummler

Sandia has been recognized by Profiles in Diversity Journal as a winner of the 16th annual Innovations in Diversity Awards, honoring corporations, organizations and institutions that have developed innovative solutions in workforce diversity, inclusion and human equity.

Sandia was named among 15 of the world’s leading companies with programs and initiatives that are taking diversity and inclusion to a new level, according to the journal. Sandia earned the award for “Inclusive Leadership and Transformative Change” and is the only national laboratory recognized in this year’s awards.

“The result is real-time demonstration of leadership and partnership skills that participants can apply in the workplace,” Anelisa said. “These learning labs have fundamentally transformed work partnerships for those who have attended. Competencies gained through experiential learning better equip leaders to create a culture of inclusion, which maximizes business results and provides a competitive advantage.”

Profiles in Diversity Journal is a quarterly business-to-business magazine focusing on diversity, inclusion and human equity in business, government, nonprofit, higher education and military settings. The focus of the journal is senior leadership, best practices, workforce diversity and inclusion strategies and recognition of employee contributions.
Keith Matzen wins nuclear fusion award

By Neal Singer

Sandia Fellow Keith Matzen has received the 2019 Distinguished Career Award from Fusion Power Associates, a national non-profit research and education foundation, for his many contributions to the Labs’ development of nuclear fusion.

The foundation annually brings together senior U.S. and international fusion experts to review the status of fusion research and consider ways to move forward. Its goal is to provide timely information on the status of fusion development and other applications of plasma science. Keith was honored at the annual meeting in Washington, D.C., in December.

“For many years at Los Alamos, I knew the name Keith Matzen as being synonymous with pulsed power ICF (inertial confinement fusion). This honor is well deserved, given Keith’s many years of contribution to both ICF and to Sandia,” said Sandia Associate Labs Director and Chief Research Officer Susan Seestrom.

Inertial confinement fusion creates energy by rapidly heating and compressing a fuel target, typically in the form of a pellet that most often contains a mixture of deuterium and tritium.

Leading the way at Z

Among Keith’s many achievements was his proposal and subsequent leadership in the mid-1990s to convert the Sandia particle-beam fusion accelerator known as PBFA-II to the pulsed-power machine now referred to worldwide as Z. It was more than two months after the completed conversion in 1996, Z — which makes use of a powerful magnetic field that accompanies its large electrical current — established world record levels of X-ray energy and power during its nanoseconds-long implosions, called Z-pinches (“Z” because the implosion occurs along the length of the cylinder, which is the Z-axis).

Z experiments have provided insights into the properties of materials at extreme temperature and pressure conditions, the effects of intense radiative heating on materials and thermonuclear fusion in both national security applications and in astrophysics and planetary science. Z’s efficient delivery of energy to fusion targets has made the method called “pulsed-power, magnetic direct drive” a strong candidate for ultimately achieving high-yield fusion in the laboratory, a goal of scientists worldwide.

While a manager at Z, Keith recruited and mentored scientists and encouraged them to innovate and take technical risks, which proved effective in stimulating new ideas. More than 90% of the experiments conducted on Z today were not envisioned when PBFA II was converted to Z. As director of Sandia’s pulsed-power sciences, Keith oversaw the refurbishment of Z, a $90 million project completed in 2007 on time and on budget.

Keith grew up in Nebraska and earned a doctorate in molecular kinetic theory from Iowa State University. He was elected a fellow of the American Physical Society in 1997. In 2011, he was presented with the Fusion Power Associates Leadership Award.

Keith was appointed Sandia Fellow in 2018. Only 15 Sandians have achieved that rank in the 70-year history of the Labs.

Z SHOT — Sandia Fellow Keith Matzen takes a moment to survey the Z facility he helped create. He has been awarded the 2019 Distinguished Career Award by Fusion Power Associates for his achievements in nuclear fusion.

Photo by Randy Montoya

SANDIA CLASSIFIED ADS

NOTE: The classified ad deadline for the Jan. 31 News is noon, Friday, Jan. 24.

Submit by one of the following methods:

- EMAIL: Michelle Fleming ( Classifieds@sandia.gov)
- FAX: 505-844-0045
- MAIL: MS1468 (Dept. 3651) Michelle Fleming, 505-263-7570

AD SUBMISSION GUIDELINES

AD SUBMISSION DEADLINE: Friday noon before the week of publication unless changed by holiday.

Questions to Michelle Fleming at 505-844-4902.

Due to space constraints, ads will be printed on a first-come, first-served basis.

AD RULES

1. Limit 18 words, including last name and home phone (web or email address counts as two or three words, depending on length).
2. Include organization and full name with ad submission.
4. Type or print ad legibly, use accepted abbreviations.
5. One ad per issue.
6. The same ad may not run more than twice.
7. No “for rent” ads except for employees on temporary assignment.
8. No commercial ads.
9. For active Sandia members of the workforce and retired Sandians only.
10. Housing listed for sale is available without regard to race, creed, color or national origin.
11. Work wanted ads are limited to student-aged children of employees.
12. We reserve the right not to publish any ad that may be considered offensive or in poor taste.

POWERED SUBWOOFER, 120V AC, JBL S10IP, 400W, 12-in. speaker, perfect condition, $500 OBO. Sandia, 505-294-2378.
RADAR, SAVI. Stone Craftsman. 4,720-W loud blast drill. $400. Different Jail, 505-218-0890.
TRACPONE ZTE, Majesty. Pro-Pak LTE phone; original box, never activated, w/instructions, $15. Wagner, 505-304-8783.
ELLIPICAL TRAINER, quality appearance for household/personal use, used 4 times, paid $100; asking $50 OBO. Lamb, 505-881-2913.
'03 BUCK LeSabre CUSTOM, metallic blue, 58K miles, very good condition, $2,500. Williams, 505-271-8972.
ELHISTICAL TRAINER, quality appearance for household/personal use, used 4 times, paid $100; asking $50 OBO. Lamb, 505-881-2913.
'03 LAND ROVER, 29Rk 5th wheel, 33-ft., tandem pulling, lightly used; hitch on rear for tow. Stubblefield, 505-294-2578.
'09 HONDA FIT, 113K miles, TRANSPORTATION, cloth interior, power windows, new tires, $7,500. Calzada, 505-401-0224.
'19 CAN AM MAVERICK 505, 504-8783.
'19 CROSSROADS CRUISER, 2019, 13-ft. travel trailer, lightly used; hitch on rear for towing; everything works, $9,700 OBO. Fleming, 505-263-7570.
REAL ESTATE
CABIN & ACRE, Blue Jay Lane, Brenda Lodge Estates, $75,000. Schwartz, 505-220-6301, ask for Barry.
10.5 acres, residential. Tijeras; make offer. Dotson, loridotson@gmail.com.
10.5 acres, residential. Tijeras; make offer. Dotson, loridotson@gmail.com.
25.5 acres, residential. Tijeras; make offer. Dotson, loridotson@gmail.com.
10.5 acres, residential. Tijeras; make offer. Dotson, loridotson@gmail.com.
25.5 acres, residential. Tijeras; make offer. Dotson, loridotson@gmail.com.
Hundreds of Sandia workforce members in California and New Mexico took part in the "Health Living, Healthy Giving" Virgin Pulse challenge for 2019, raising $5,000 each for the Open Heart Kitchen in Livermore and The Community Pantry in Gallup.

Employees and their spouses registered at Virgin Pulse and had their steps monitored between Oct. 14 and Dec. 6. Participants took more than 400 million steps, earning the maximum $5,000 donation for each non-profit agency.

Open Heart Kitchen serves prepared, nutritious meals free of charge to the hungry people of the Tri-Valley region of the Bay Area — more than 328,000 last year alone. The holiday season is the busiest time of year for our hot meal program," said Open Heart Kitchen Executive Director Heather Greaux. "The donations will help us keep up with the higher demand for food during the winter. This time of year is especially difficult for our clients who are struggling with an illness, job loss or homelessness."

The Community Pantry serves people in northwestern New Mexico from their headquarters in Gallup, providing healthy food, fresh produce and nutrition education for people in need. “It’s going to help all of the citizens of McKinley County,” Executive Director Alice Perez said, adding that the entire grant will go to the purchase of food. “New Mexico is the No. 1 state in the nation for child hunger. McKinley County is the No. 1 county in the state (for child hunger). One in three children is at risk for food insecurity in this county. One in three.”

Participants in both states walked an average of 255,563 steps during the eight-week period to help provide money for both programs.

Sandia is planning more events for 2020 to help the Labs' communities in California and New Mexico. Employees can find opportunities for participation throughout the year at the Virgin Pulse and Community Involvement websites.
Sandia: A tradition of giving

Sandia/New Mexico holiday gift drive goes digital

Sandia California holiday gift drive helps families in need

Weapons Evaluation Test Laboratory holds annual food drive

Toys for Tots donations help local communities

Sandia/New Mexico’s 15th annual Holiday Gift Drive to benefit Bernalillo County foster children went digital this year. The Labs’ Community Involvement team set up a website to help givers choose appropriate items for about 800 of the children in foster care in the county. The team worked hard to track donations and ensure that each child received a gift. Employees responded, clearing the list and donating more than 2,900 gifts.

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Sandia employees at the Weapons Evaluation Test Laboratory held a food drive throughout November to collect food and donations benefiting the High Plains Food Bank in Amarillo, Texas. Sandia doubled their donation from last year and gave $1,000 for the drive that benefits local communities throughout the Texas Panhandle. A celebration was held in Amarillo on Dec. 4, and the presentation of donations was covered by local news on Station KFDA.

Sandia employees at the Weapons Evaluation Test Laboratory held a food drive throughout November to collect food and donations benefiting the High Plains Food Bank in Amarillo, Texas. Sandia doubled their donation from last year and gave $1,000 for the drive that benefits local communities throughout the Texas Panhandle. A celebration was held in Amarillo on Dec. 4, and the presentation of donations was covered by local news on Station KFDA.

Sandia/California employees stepped up to help hundreds of families in Alameda and San Joaquin counties by participating in the campus’ annual Holiday Spirit gift campaign. Participants chose from wish lists and donated wrapped gifts that went to children. As a result of this year’s campaign, more than 400 gifts were given to 205 children. The Boys and Girls Clubs of Tracy received 90 gifts, the Marylin Avenue Shelter in Livermore received 60 and First 5 of Alameda County received 55.

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