

CNS Community and Educational Outreach 2016 Annual Report



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Building Better Communities

Consolidated Nuclear Security, LLC (CNS) is responsible for the management and operations at the Pantex Plant in Amarillo, Texas, and the Y-12 National Security Complex in Oak Ridge, Tennessee. Through the efforts of our more than 8,000 workers, CNS plays a vital role in the safety and security of our nation.

Our contribution, however, does not end there. We play an active role in helping strengthen the quality of life in our communities by providing access to leadership, subject matter expertise, and resources that address community needs at the local and regional levels and bolster economic development efforts.

At Pantex and Y-12, our innovative Community Investment Fund, an employee-directed program, provided more than \$475,000 to deserving nonprofit agencies and educational institutions in 2016.

In education, our efforts increased awareness and excitement in science, technology, engineering, and math (STEM)-related activities. In Amarillo, for example, more than 200 students from 25 middle and junior high

schools participated in the Pantex Middle School Regional Science Bowl 2016, funded and organized in large part by CNS. In Oak Ridge, Y-12's sponsorship of Dream It/Do It gave students an opportunity to visit area industries to create videos about their experiences. CNS provided the cameras and the leadership to make it successful.

CNS and the employees of Pantex and Y-12 supported United Way organizations in Amarillo and East Tennessee raising over \$1.2 million. In addition to the Community Investment Fund, CNS provided another \$500,000 to local communities through corporate-directed community giving and educational outreach.

Through the participation of our leadership and employees in community events, charitable groups, and economic development organizations, CNS created positive outcomes for our communities and our employees.

Community Giving

CNS giving is focused on education, veterans, and community needs. We provide dollars to those areas

through two avenues: corporate giving and our employee-driven Community Investment Fund.

Our corporate giving provides funds to groups that largely fall within our focus areas and to those special needs that are more immediate. For example, in November 2016, a wildfire swept through Gatlinburg, Tennessee, leaving significant devastation in its wake. Y-12 employees organized a fund drive, raising more than \$5,500. CNS donated an additional \$5,000 to help the victims of this tragedy.

In the Texas Panhandle, Pantexans teamed up with Veterans of Foreign Wars Post 430 to package 28 care boxes donated by CNS employees. CNS also contributed \$2,000 to cover the cost of shipping the boxes to U.S. military stationed overseas.

Corporate giving also provided dollars to capital campaigns that are not included in the Community Investment Fund. In Texas, CNS donated \$5,000 to the Texas Panhandle War Memorial in support of their efforts to honor all veterans of the 26 counties of the Texas

Y-12 Site Manager Bill Tindal (right) presents a donation to East Tennessee Children's Hospital CEO Keith Goodwin in support of the hospital's capital campaign.





Panhandle. In Oak Ridge, CNS provided \$20,000 to remodel a room at a Methodist Medical Center of Oak Ridge Hospitality House, which provides free lodging for patients and families.

Veterans' needs received special recognition and funding from CNS in 2016. In East Tennessee, CNS partnered with the Helen Ross McNabb Center, providing seed money for a veterans' mental health clinic. CNS also supported HonorAir Knoxville, which flies World War II, Korean, and Vietnam veterans to Washington, D.C., to visit the war monuments created to honor their sacrifice.

In Amarillo, CNS was the military appreciation sponsor for the 2016 Tri-State Fair and Rodeo, which allowed active and retired military personnel and their immediate families free admission. Nearly 3,000 military personnel took part in the event.

Pantex continued to be an active member of the Amarillo, Canyon, and Panhandle chambers of commerce, as well as the Amarillo Hispanic Chamber of Commerce. At Y-12, CNS was a member of the Oak Ridge Chamber

of Commerce, the Anderson County Chamber of Commerce, the Knoxville Chamber, the Roane County Alliance, the Blount Chamber, and the East Tennessee Economic Council.

Pantex personnel participated in a number of chamber events including the Cinco de Mayo Fajita Festival, BusinessConnection, a clay shoot challenge, and Flavors of Amarillo & Mariachi Festival, as well as serving on the business and governmental affairs councils. Deputy Enterprise Manager Michelle Reichert served on the Amarillo Chamber Board of Directors. In Oak Ridge, CNS played an active role on the chamber board and the advocacy committee. CNS President and Chief Executive Officer Morgan

Smith served on the Oak Ridge Chamber Board. The company also participated in the annual Secret City Festival, the premier City of Oak Ridge event, as its presenting sponsor.

United Way

United Way is a major focus for CNS. In 2016, employee pledges, special events, and corporate contributions for both Pantex Plant and the Y-12 National Security Complex totaled over \$1.2 million for United Way. The campaigns also produced more than 500 Leadership givers for CNS.

"Once again, we as Pantexans came together and helped improve lives in the Texas Panhandle," said Pantex Site Manager Todd Ailes. "Through United Way, we are helping others to achieve income stability, education, and good health so that they may build a better quality of life."

"I'm proud of the contributions made by Y-12 employees to the United Way," said Y-12 Site Manager Bill Tindal. "Their generosity and dedication to this cause shows that not only do we protect our nation and our allies every day with the work we do, but we also are committed to supporting and improving our local

A Pantex volunteer team builds a wheelchair ramp for the Texas Ramp Project during the Amarillo and Canyon Day of Caring.



CNS employees welcome home U.S. military veterans after an HonorAir Knoxville trip.



Thirty agencies received grants from the Y-12 Community Investment Fund.

communities through volunteering and United Way donations.”

Several CNS loaned executives participated in the campaign at both sites, and Michelle Reichert, CNS Deputy Enterprise Manager, served as the co-chair of the Amarillo and Canyon United Way campaign. CNS also supported the 2016 United Way of Amarillo and Canyon Day of Caring, with 15 Pantexans working in three teams of five to help the Texas Ramp Project build wheelchair ramps for disabled or elderly individuals throughout Amarillo.

Employee-Directed Funding

CNS chartered Community Investment Advisory Committees at each site to create a unique approach to giving.

Employees at Pantex and Y-12 worked with local philanthropic foundations — the Amarillo Area Foundation and the East Tennessee Foundation (ETF). The employee committees, working with the foundations, provided grants to charitable agencies and educational institutions through a competitive grants process — an effort that significantly expanded the breadth of contributions and created new opportunities for community and employee engagement.

“By working together with the local area foundations in each community, we are confident that these grants and their recipients will have a positive impact in the Panhandle and East Tennessee,” said Jason Bohne, CNS Communications and Public Affairs senior director. “Our goal is to give our employees more of a voice in



Another Chance House in Amarillo, Texas, provides shelter and housing to homeless males, including veterans.

determining where corporate dollars are invested in the communities where they work, live, and volunteer.”

This year, \$475,000 was distributed by employee committees at Pantex and Y-12 to dozens of organizations in Texas and Tennessee.

Another Chance House

The employee-directed Community Investment Fund awarded a grant to the Another Chance House in Amarillo. The program provides shelter for the homeless. For nearly 30 years, Another Chance House has been a haven of hope for many less fortunate in the Amarillo area. The Pantex Community Investment Fund and its employee committee provided \$10,000 to supplement the monthly food budget for residents.

Monroe County Boxing Club

In East Tennessee, the Y-12 Community Investment Fund provided the Monroe County Boxing Club \$6,830 to help its mission to get youth off the ropes and into the ring. For those who cannot afford it, the club provides registration fees, equipment, uniforms, and travel

Pantexans volunteer at the 2016 United Way of Amarillo and Canyon Day of Caring.





expenses to boxing events. The club also provides meals for the boxers before matches and sparring events, which, for some, is the only meal they have for the day.

Awards & Recognition

CNS received the Outstanding Corporate Philanthropist award from the Great Smoky Mountain Chapter of the Association of Fundraising Professionals this year for its grant program. Each year, the Association of Fundraising Professionals honors individuals and groups who, through their hard work and dedication, enhanced philanthropy, their communities, and the world.

The Corporate Philanthropist award is presented to a local corporation or civic organization that has shown outstanding community spirit and commitment to the goals of building a better community for all citizens through contributions to charitable causes and endeavors, taking an active role in community improvement activities, and by encouraging volunteerism and community involvement among its employees.

A young fighter trains in the ring at the Monroe County Boxing Club, a CNS Community Investment Fund awardee in East Tennessee.



ADFAC School Supplies Coordinator Becky Hook (left), ADFAC Service Coordinator Connie Ball (center), and Oak Ridge Schools Career Readiness and Communications Supervisor Holly Cross converse prior to the ETF/CNS Grantees Celebration.

Pantexans bowl for Big Brothers Big Sisters

CNS sponsored 35 teams of Pantexans at Amarillo's Western Bowl to support the Big Brothers Big Sisters (BBBS) Bowl For Kids' Sake "Hawaiian Luau."

Bowl For Kids' Sake is one of the agency's largest annual fundraisers, which accounts for more than 40 percent of its annual budget. CNS is proud to support BBBS and its mission to provide all children facing adversity with strong and enduring, professionally supported one-to-one relationships that change their lives for the better, forever.

"We couldn't do it without our continued support from CNS Pantex,"

explained Emily Shelton Nance, executive director of BBBS of the Texas Panhandle, Inc.

East Tennessee Children's Hospital

CNS' 2016 contribution to the East Tennessee Children's Hospital aided in the construction of a post-op room. The room is part of the hospital's new 245,000-square-foot facility for children with chronic conditions, such as cystic fibrosis and other needs.

Pantexan Michelle Abell steps up to the lane at Bowl For Kids' Sake.





CNS' Gene Patterson, Jason Bohne, and Gene Sievers join Mitch Steenrod (center) and Debby Steenrod to celebrate the opening of the new behavioral care treatment facility for veterans and active military at the Helen Ross McNabb Center.

Aid to Distressed Families of Appalachian Counties (ADFAC)

ADFAC was established in the Oak Ridge area in the 1980s, providing assistance to impoverished families. In 2016, CNS partnered with ADFAC to expand its coverage into nearby Morgan County.

CNS employees also contributed both time and money to the organization, raising hundreds of dollars and items for ADFAC's Crisis Cupboard.

Helen Ross McNabb Military Services Facility

CNS partnered with the Helen Ross McNabb Center and Mitch and Debby

Steenrod to support development and operation of the Helen Ross McNabb Military Services Facility. Under the new program, the center will collaborate with the Department of Veterans Affairs to identify individuals who are experiencing mental health and/or substance abuse disorders and provide individual and family therapy.

These services will be available to any service member, spouse, or family member regardless of his or her discharge status or length of service in any branch of the armed forces.

"Without the support of organizations like CNS, we could not provide this vital service to our area veterans," said Houston Smelcer, vice president



More than 30 UPF cyclists rode in the Tour de Cure on June 11, raising nearly \$13,000 for the American Diabetes Association and becoming the city's top fundraising team in the process.

of Development and Government Relations for the Helen Ross McNabb Foundation.

Polar Plunge & Tour de Cure

Employees supporting the Uranium Processing Facility (UPF) project are doing their part to positively impact the community. UPF was the top corporate fundraiser in East Tennessee at two events: the Polar Plunge, a fundraiser for Special Olympics Tennessee, and the Tour de Cure, which raises funds for the American Diabetes Association.

Educational Outreach

Many CNS educational outreach activities focused on STEM and applied manufacturing programs. CNS engagement, corporate contributions, and employee volunteerism led to significant advances in school robotics programs in the Texas Panhandle and East Tennessee. The Anderson County Chamber's Dream It/Do It program achieved success in its first year and is already adding new schools for next year.

UPF employees collected donations to determine who would take the Polar Plunge, a leap into the University of Tennessee's outdoor swimming pool.





Above: BISD robotics team members take turns testing their robots on the FIRST LEGO League practice field.

Robotics

CNS played an active role in strengthening the quality of For Inspiration & Recognition of Science & Technology (FIRST) robotics competitions for high-school-aged teams in Tennessee and Texas. In these events students compete head-to-head on a special playing field with robots they have designed, built, and programmed. FIRST was founded in 1989 to inspire students' interest and participation in science and technology.

"CNS depends heavily on attracting and retaining highly talented STEM-

Left: Lubbock High School's Team Gold goes head-to-head against Amarillo High School's Team Black in the science bowl finals.

educated people," said Mark Cook, a CNS engineer and local team mentor. "There is a gap between the workforce demand in STEM careers and those pursuing education in these fields."

Thanks to the support of CNS, Bushland Independent School District (BISD) launched a multi-level robotics program. By May of 2015, BISD had 11 FIRST LEGO® League Jr. teams, seven FIRST LEGO League teams, and one FIRST Tech Challenge team. There were so many entries, the BISD staff, in conjunction with Amarillo College Engineering Society and Amarillo Area Center for Advanced Learning, created a robotics tournament to serve all local teams.

In Tennessee, CNS partnered with eight area high schools, fielding robotics teams mentored by Y-12 engineers. Among them, Hardin Valley Academy in Knox County, made it to the national competition in St. Louis in 2016.

CNS also funded a LEGO MINDSTORMS® EV3 boot camp at Oak Ridge's Jefferson Middle School, allowing 25 students to train through a series of problem-solving exercises to create robots for competition.

Science Bowl

The science bowl is a premier educational event in the Amarillo area. For years, Pantex has hosted the Department of Energy's regional science bowl competition, and this was the first year there was a maximum number of teams in both the middle- and high-school competitions. Students from across the Texas Panhandle competed for a chance to secure a spot at the 26th annual National Science Bowl competition in Washington, D.C.



Christy Holt of the National Nuclear Security Administration (NNSA) helps students with one of the hands-on demonstrations at Introduce a Girl to Engineering.



ATLC's Steve Passmore, Y-12 Site Manager Bill Tindal, and CNS Senior Director of Y-12 Safeguards and Security Tom Hayden chat with Scott County students at the new CNS storefront at BizTown.

Introduce a Girl to Engineering

CNS hosted about 150 female high-school students from five area schools as part of Introduce a Girl to Engineering, which inspires girls to consider careers in STEM.

Linda Bauer, CNS vice president of Mission Assurance, said "Introduce a Girl to Engineering is designed to showcase the breadth and diversity of engineering careers and inspire girls to be innovators of the future."

JA BizTown

CNS became the newest resident at the Junior Achievement (JA) BizTown by working with JA and the Atomic

Trades and Labor Council (ATLC) to create a shop that mirrors the Y-12 mission.

"Much like our work environment at Y-12, we have designed the CNS BizTown business to reflect all the parties involved in successfully fulfilling a mission," said Bill Tindal, Y-12 Site Manager.

Dream It/Do It

CNS partnered with the Anderson County Chamber of Commerce for their inaugural Dream It/Do It competition that equipped eighth-grade students with a GoPro camera and a first-hand look at the manufacturing industry. Each team of students produced a short industrial video that was voted on by members of the community. For their effort, the winning school received four GoPro cameras.

"We are absolutely thrilled with the results of our pilot program," said Anderson County Chamber President Rick Meredith. "Our goal was to get kids excited about manufacturing and expose them to the idea that there are lots of job opportunities and even careers in manufacturing."



Jason Bohne, CNS Communications and Public Affairs Director, presents a GoPro camera to a student during the inaugural Dream It/Do It award ceremony.

Manufacturing & Coding Academy

Sixty middle-school students participated in a four-week Manufacturing and Coding Academy at Pellissippi State Community College that highlighted careers for the students to consider.

Window on a Wider World (WOWW)

Pantex continued as a proud supporter of WOWW's initiative to enrich the

Right: Y-12 Site Manager Bill Tindal (left) toured Pellissippi State Community College's Megalab at the Strawberry Plains campus and spoke to students in the school's Manufacturing and Coding Academy, sponsored in part by CNS.





education of students in the Texas Panhandle through arts, sciences, and cultural experiences.

Each year, Pantex scientists host sessions during WOWW Day in the spring and the Fifth Grade Science Collaborative in the fall where they teach thousands of students about the phases of matter.

Volunteering

Giving of time and talents can sometimes be more valuable than providing funding. Organizations need funds to accomplish their goals, but they often need volunteers to help see that mission through. Volunteers are the backbone of any organization and are the reason they continue to do good work in our communities.

This year, CNS employees volunteered for a wide variety of community and educational outreach opportunities using more than 1,700 hours to further enhance the sites' proud heritage of volunteering in their communities.

Left: Y-12 Infrastructure Manager Scott Underwood works on the amphitheater at the Elkmont Campground.

These efforts, combined with CNS' robust corporate stewardship and charitable giving programs, are making a lasting impact throughout the communities, counties, and states that host the Pantex Plant and Y-12 National Security Complex sites.

CNS Day of Volunteering

A Days of Volunteering was held in both Texas and Tennessee, allowing employees to pick and manage a charitable project from start to finish.



Pantexans Kimbel Leffew and David Cole work together to pack a box of snacks for overseas military during the Pantex Day of Volunteering.



A volunteer assists in the beatification of the Girls Inc. of Oak Ridge facility during the Y-12 Day of Volunteering.

Combined, these days of volunteering saw 169 employees and 203 of their friends and families work on 46 projects, ranging from building wheelchair ramps and duck bunks to cooking for families in need, caring for animals, gardening, painting, and even cleaning up city parks.

Packing Care Boxes for Troops

Pantexans and their friends and families teamed up with Veterans of Foreign Wars Post 430 to pack 28 care boxes for U.S. military members stationed overseas, adding to the almost 9,000 care boxes Pantex has sent since 2002.

20 Years of Support

Employees of the Y-12 National Security Complex marked the 20th year of supporting the Great Smoky Mountains National Park by volunteering to restore the Elkmont Campground Amphitheater.

Employees removed and replaced deteriorated seating and painted the building that will help to enhance the National Park Service outdoor resource education programs for many years.

Community Involvement

Pantex and Y-12 have been central forces in the history and development of their local and regional communities and will continue to play prominent roles in the areas' future sustainability. CNS continued the strong relationships through regular interaction with local governmental and regional leaders.

CNS met quarterly with the Y-12 Community Relations Council, whose members include community, business, and government leaders, and met frequently with the Amarillo



Blount County Chamber member Princess Brown talks with Vice President for Operations Support Darrell Graddy about business opportunities with CNS.

Chamber of Commerce, taking an active role in its Board of Directors and Governmental Affairs Council. Through these organizations, CNS worked with business and community leaders to provide innovative solutions to issues of mutual interest. An example was the series of nonpartisan candidate forums hosted by the Oak Ridge Chamber of Commerce and moderated by CNS. The forums provided valuable information to city voters about the candidates vying for city council and the school board.

Of course, not all the engagements were of a serious nature. CNS also partnered with area groups for a lot of fun, such as the Amarillo Chamber BBQ.

A smokin' good time – Amarillo Chamber BBQ

Pantex firefighters participated in the annual Amarillo Chamber of Commerce's Good Times Celebration Barbecue Cook-Off. A total of 100 teams smoked ribs, brisket, and other meats to see who has the best barbecue in town.

"Amarillo is a unique community that's always happy to come together for good causes and fellowship — often over great food," said Michelle Reichert, CNS deputy enterprise manager. "I love that so many Pantexans are engaged in this event each year."

Right: Scott Johnson, Pantex battalion fire chief (left), and Saxon Webster, firefighter/EMT, prepare ribs during the Amarillo Chamber of Commerce's Good Times Celebration Barbecue Cook-Off. For the past 17 years, Pantex firefighters have come together in September to smoke the best meats and enjoy the competition.

(Photo courtesy of Michael Schumacher, Amarillo Globe-News)





SAFE—SECURE—ZERO DEFECTS—DELIVER AS PROMISED



INTEGRITY



TRUST



RESPECT



TEAMWORK



EXCELLENCE