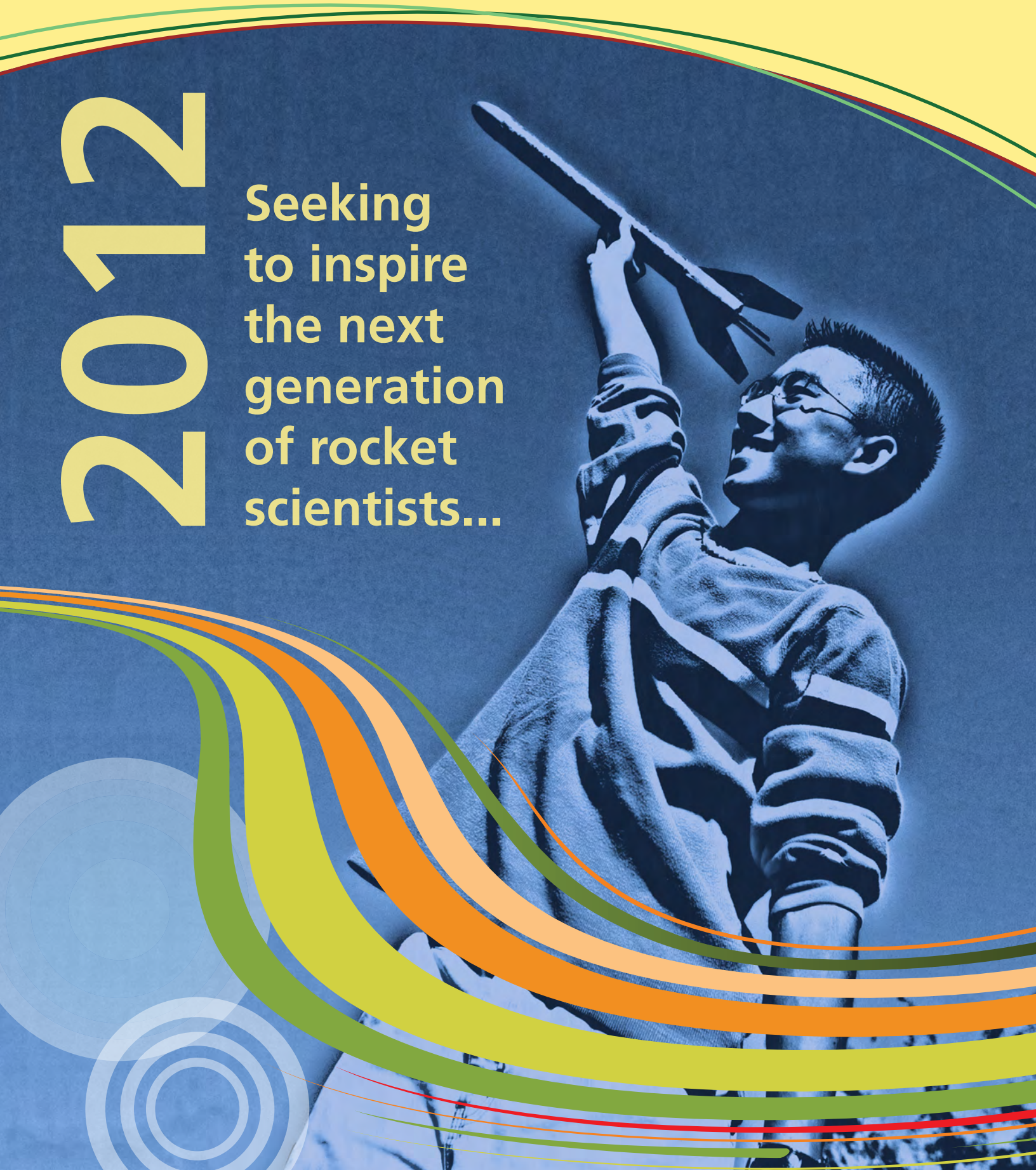


# Year in Review

GENCORP FOUNDATION

# 2012

Seeking  
to inspire  
the next  
generation  
of rocket  
scientists...



We are pleased to report that the GenCorp Foundation made generous contributions to schools and nonprofit organizations in each of our communities in 2012. Last year, the GenCorp Foundation distributed \$604,345 in grants, scholarships and matching gifts, of which 87 percent were directed to education.

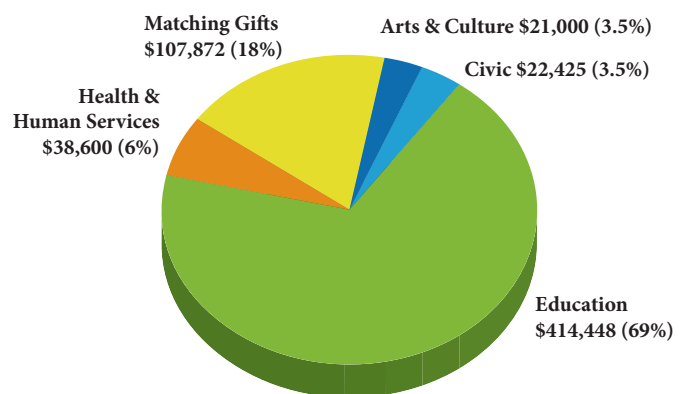
The foundation continues to focus its resources in STEM – Science, Technology, Engineering and Mathematics – education, building capacity in numerous organizations. To highlight just a few in 2012:

*SySTEMic Solutions*—This innovative STEM educational pipeline for elementary, middle, high school and community college programs is coordinated through Northern Virginia Community College. Its goal is to provide an educational pathway to employment or higher education through an aligned secondary and post-secondary STEM curriculum. Championed by Aerojet Gainesville, the GenCorp Foundation invested \$45,000 in SySTEMic Solutions, which recently received a \$1M commitment from the Virginia General Assembly to expand the initiative throughout Northern Virginia.

*SAU Preceptor Program*—At Southern Arkansas University, the College of Science and Technology recognized the high drop-out rate of first year science and engineering students. With the goal to improve retention and performance in biology, chemistry and physics laboratory courses that first year students often find challenging and intimidating, the college wanted to provide more assistance for the students while in a laboratory environment. Employing upper division students as preceptors working alongside faculty during laboratory instruction, demonstrated improved retention rates and grades. Coordinated through Aerojet Camden, the GenCorp Foundation made a three-year \$51,000 investment in the SAU Preceptor Program.

*Project Lead the Way*—A STEM-focused curriculum and teacher professional development program designed to prepare middle and high school students for the global economy, PLTW is a nationally-recognized pathway program that is being

**2012 GenCorp Foundation Giving**



## ***Mission***

**Through grants and scholarships, the GenCorp Foundation supports education, health and social services, arts organizations and civic and environmental projects. Its primary giving focus is education, with an emphasis on Science, Technology, Engineering and Mathematics education.**

The GenCorp Foundation works to build strong community partnerships in the communities where the company has a business presence. These communities include Huntsville, Alabama; Camden, Arkansas; Sacramento, Vernon and Woodland Hills, California; Washington, D.C.; Socorro, New Mexico; Jonesborough, Tennessee; Clearfield, Utah; Gainesville and Orange, Virginia and Redmond, Washington.

embraced by industry as a strategy to support education to develop tomorrow's employees. The GenCorp Foundation was an early supporter of PLTW in the Sacramento region. Since 2007, the Foundation has invested more than \$250,000 in PLTW in Sacramento schools. PLTW also is being used in STEM programs that are supported by the Foundation in Arkansas, Utah, Virginia and Washington.

These efforts demonstrate the Foundation's commitment to STEM education to inspire the next generation of engineers, chemists, scientists and technology professionals. Throughout this report, you will see the scope of the GenCorp Foundation's work in our communities.

Through the Foundation's Aerojet in Action Program, employee teams provided much-needed volunteer power to 51 nonprofit organizations and schools and distributed \$40,500 to assist those organizations in furthering their missions.

Building on our employees' generosity, the Foundation matched \$107,872 in employee gifts to 191 K-12 schools and universities. Responding to the devastation from Hurricane Sandy along the Eastern United States in October 2012, the Foundation matched employees' donations to the American Red Cross and the Salvation Army, for a combined total of \$22,560.

Given the ongoing economic challenges faced by schools and nonprofit organizations that provide much-needed services in our communities, the GenCorp Foundation's board of directors is proud to continue its commitment to the communities where our employees live, work and volunteer. Thank you for what you do to keep your community healthy and strong.

**Chris W. Conley**  
*President, GenCorp Foundation*  
*Aerojet Vice President,*  
*Environmental, Health & Safety*

**Juanita Garcia**  
*Executive Director, GenCorp Foundation*



## Student Teams Turn Theory into Reality

Book learning has its place, but hands-on, experiential learning is more powerful. To assist young engineers and scientists in testing their knowledge, the GenCorp Foundation supported student teams in FIRST (For Inspiration and Recognition of Science and Technology) Robotics; VEX Robotics; AIA's Team America Rocketry Challenge (TARC); NASA's Student Launch Initiative (SLI) and the National Science Olympiad. In 2012, the GenCorp Foundation supported teams from 14 schools that advanced to national competitions:

Aviation High School - Washington  
 Daniel Boone High School - Tennessee  
 Eastlake High School - Washington  
 El Dorado Unified High School District - California  
 Governor's School at Innovation Park - Virginia  
 Ingraham High School - Washington



Kettle Run High School - Virginia  
 Lake Braddock Secondary School - Virginia  
 Mira Loma High School - California  
 Mountain Vista Governor's School - Virginia  
 Spotsylvania High School - Virginia  
 Syracuse High School - Utah  
 Thomas Jefferson High School for Science & Technology - Virginia  
 Weber School District - Utah

# 2012 Grant Recipients

*The GenCorp Foundation supports the communities where the company has a business presence and where employees live and work. We salute these nonprofit organizations and schools for the work they do to keep our communities healthy.*

## EDUCATION

In 2012, 87 percent of the GenCorp Foundation's funding supported educational institutions, STEM programs, scholarships and matching gifts.

Aerospace Museum of California  
Arkansas Single Parent Scholarship Fund  
Arkansas State University  
Arkansas School for Mathematics, Science & the Arts  
Auburn University  
Aviation High School  
Bellevue College  
California State University, Northridge

Camden Fairview High School  
Capital Airshow Group  
College of William & Mary  
Davis Education Foundation  
Discovery Museum Science & Space Center  
Duke University  
East Tennessee State University  
Eastern New Mexico University  
Eastlake High School  
El Dorado Union High School District  
Explore Mars  
Folsom Cordova Unified School District  
Free 2 Teach  
Georgia Tech

Governor's School at Innovation Park  
Ingraham High School  
Johns Hopkins University  
Kettle Run High School  
KVIE Public Television  
Lake Braddock Secondary School  
Lake Washington Schools Foundation  
Linking Education & Economic Development  
Marion Military Institute  
Mira Loma High School  
Mountain Vista Governor's School for Science, Math & Technology  
Museum of Flight Foundation

## Scholarships Invest in Future Generations

The GenCorp Foundation supports aspiring students through a variety of scholarship programs. To recognize the academic achievements of the children of our employees, the GenCorp Foundation offers scholarships through the National Merit Scholarship Corporation. National Merit Scholarships are recognized nationally and honor academically talented graduating high school seniors. Since 2000, 59 students have received four-year scholarships through the GenCorp Foundation.

In 2012, five students received GenCorp Foundation Scholarships:

**Maryann Haynie**, daughter of Carl Haynie, Aerojet Sacramento, is attending Emory University, majoring in Psychology.

**Lauren Redd**, daughter of Kathy Redd, Aerojet Sacramento, is attending Cornell University majoring in Mechanical Engineering.

**Mayuri Sadhasivan**, daughter of Akila Sadhasivan, Aerojet Sacramento, is attending the University of California, San Diego, majoring in Pre-Med.

**Tatiana Smith**, daughter of Kevin Smith, Aerojet Sacramento, is attending University of California Davis, majoring in Pre-Veterinary Studies.

**Anne Wilkinson**, daughter of Tom Wilkinson, Aerojet Redmond, is attending Franklin W. Olin College of



Chris Conley, vice president, EH&S, and GenCorp Foundation board president (left) and Scott Seymour, CEO, GenCorp (right), presented the 2012 GenCorp Scholarships to (l to r): Mayuri Sadhasivan, Lauren Redd and Tatiana Smith.

Engineering, and is still undecided about her major – either Mechanical Engineering or Bioengineering.

The GenCorp Foundation also offers scholarships at local high schools in each of our Aerojet communities to graduating seniors who plan to pursue post-secondary study in a STEM – science, technology, engineering or math – field. In 2012, the GenCorp Foundation awarded 30 \$1,000 high school scholarships.



Left: Students on a nature hike at Deer Creek Hills, made possible by a GenCorp Foundation grant to the Sacramento Valley Conservancy.

National Merit Scholarship Corporation  
 National Defense Industries Association  
 New Mexico Tech  
 Northeast State Community College  
 Foundation  
 Northern Virginia Community College  
 Educational Foundation  
 Northwestern University  
 Ouachita Area United Fund  
 Ouachita Baptist University  
 Pacific Science Center Foundation  
 RAFT-Resource Area for Teaching  
 Sacramento Regional Science & Engineering  
 Fair Foundation  
 Sacramento Valley Conservancy  
 San Juan Education Foundation  
 SAU Foundation  
 SAU Technology Foundation  
 Sci-Quest  
 Society of Women Engineers  
 Socorro High School  
 Soil Born Farms  
 Spotsylvania High School  
 STEDTRAIN  
 Sulphur Springs School  
 The Schools Foundation  
 Thomas Jefferson High School for Science &  
 Technology  
 Tusculum College  
 United States Space & Rocket Center  
 University Foundation at Sacramento State  
 University of Alabama in Huntsville  
 University of Arkansas  
 University of California, Berkeley

University of California, Davis College of  
 Engineering  
 University of Michigan  
 University of Utah  
 University of Virginia  
 University of Washington  
 Utah State University Research Foundation  
 Virginia Tech  
 Washington Aerospace Scholars Foundation  
 Washington County Board of Education  
 Weber School District  
 Weber State University  
 West View School  
 William Jessup University

## ARTS & CULTURE

B Street Theatre  
 Crocker Art Museum  
 New Mexico Tech Performing Arts  
 Sacramento Ballet

## CIVIC

American River Parkway Foundation  
 Friends of Lakes Folsom and Natoma  
 Guide Dogs of America  
 National Children's Advocacy Center

## HEALTH & HUMAN SERVICES

Society for the Blind  
 United Way of Washington County,  
 Tennessee  
 Washington County Board of Education

# DOLLARS FOR DOERS

In 2012, employees generously donated their time and talent to schools in their communities. Through the GenCorp Foundation's Dollars for Doers Program, employees' volunteer time is matched at \$10 per hour to the school where they volunteered.

Last year, 15 schools benefitted from the GenCorp Foundation's *Dollars for Doers Program*:

Bella Vista High School  
 Cobblestone Elementary School  
 Cottonwood Valley Charter School  
 Fernwood Elementary School  
 Green Valley Elementary School  
 Greenhills Elementary School  
 Interlake High School  
 James McKee Elementary School

Jonesborough Middle School  
 Lake Washington Institute of Technology  
 Longwood University  
 Mountain View High School  
 Saint Catherine of Siena Parish School  
 Saint Mark's Lutheran School  
 Weber State University

# Flash for Success in Camden



Camden Fairview Seniors Richard Robertson, Dillan Bever and Brooke Collins discover the wealth of information on their new flash drives.

Navigating life after high school can be an overwhelming experience. To assist graduating seniors at Camden Fairview High School, the GenCorp Foundation funded a new program, Flash for Success, which provided flash

drives with college information to the graduating Class of 2012. The flash drive idea came from the need to provide information that is portable and easily accessible for students and parents on college, the military and other career opportunities.

Key information pre-loaded onto the flash drives included admissions requirements, scholarship deadlines, cost and contact information for all Arkansas two- and four-year colleges; Federal student aid programs and student loans; links to online scholarships; examples of scholarship letters and resumes; contacts for all branches of military service; college admission test information and a senior calendar. Students also are able to save their own school work on the flash drives.

At a senior assembly last September, Paul Rich, executive director of Camden Operations, presented the flash drives to the Camden Fairview senior class. Aerojet Camden engineers then assisted students in accessing the information that was pre-loaded on the flash drives.

“Not all students have computer or internet access at home,” explained Rich. “This simple tool removes a barrier for seniors to find the information they need to make choices for their future.”

## Educational Gift Matching Program

**To encourage employees to support the schools and universities of their choice, the GenCorp Foundation matched \$107,872 in employees' gifts to 191 schools in 2012. The GenCorp Foundation matches employees' donation to K-12 schools and universities, dollar-for-dollar, to a maximum of \$3,000 per year. 2012 schools receiving matches from the GenCorp Foundation:**

A. G. Richardson Elementary School  
American Jewish University  
Andersonville Theological Seminary  
Archbishop Murphy High School  
Arkansas State University  
Ash Creek Elementary School  
Auburn University  
Aviation High School  
Azusa Pacific University  
Baylor College of Medicine  
Bearden Elementary  
Bella Vista High School  
Bellevue College  
Bethel University  
Bishop O'Connell High School  
Bothell High School  
Brigham Young University  
Brigham Young University, Hawaii  
Bucknell University  
Bull Run Middle School

Cal Poly State University Foundation  
Cal Poly, Pomona  
Calabasas High School  
California Institute of Technology  
California State University Long Beach  
California State University, Chico  
California State University, Northridge  
Calvin College  
Camden Christian Academy  
Camden Fairview High School  
Camden Fairview Middle School  
Camino Union School  
Canyon Park Junior High School  
Carnegie Mellon University  
Central Davis Junior High School  
Christian Brothers High School  
Claremont Graduate University  
Cobblestone Elementary  
Colby College  
College of William & Mary

Columbia University  
 Cordova High School  
 Cornell University  
 Cottonwood Valley Charter School  
 Courtyard Private School  
 Cristo Rey High School  
 Crystal Springs Elementary  
 Culpeper County High School  
 Culpeper Middle School  
 Davis Education Foundation  
 Del Campo High School  
 Denison University  
 Drexel University  
 Duke University  
 East Tennessee State University  
 Eastern New Mexico University  
 Eastlake High School  
 El Dorado Adventist School  
 El Dorado High School  
 Emerald Hill Elementary  
 Eureka Schools Foundation  
 Evergreen School  
 Fauquier High School  
 Fernwood Elementary School  
 First Place School  
 Florida Institute of Technology  
 Folsom High School  
 Folsom Hills Elementary  
 Folsom Lake College  
 Folsom Middle School  
 Fordyce High School  
 Geneva College  
 George Mason University Foundation  
 George Washington Carver  
 George Washington University  
 Georgia Tech  
 Germanna Community College  
 Gettysburg College  
 Gold Ridge Elementary School  
 Gold River Discovery Center School  
 Gold Trail Union School District  
 Golden Hills School  
 Gonzaga University  
 Governor's School at Innovation Park  
 Grace Miller Elementary School  
 Grand Valley State University  
 Grant High School  
 Green Oaks Fundamental Elementary School  
 Greenhills Elementary School  
 Hacienda Environmental Science School  
 Hampton High School  
 Harding University  
 Harmon Johnson Elementary School  
 Harmony Grove Public Schools  
 Hillsdale College  
 Hobart & William Smith College  
 Holy Family School  
 Horace Mann School  
 Humboldt State University Foundation  
 Ingraham High School  
 Interlake High School  
 James Madison University Foundation  
 Jesuit High School  
 Johns Hopkins University  
 Jonesborough Middle School  
 Kansas State University Foundation  
 Kate Wallker Barrett Elementary  
 Kettle Run High School  
 Lake Braddock Secondary School  
 Lake Washington Schools Foundation  
 Lakeside School  
 Lewis & Clark College  
 Liberty High School  
 Little Red School House  
 Longwood University  
 Louisa County Middle School  
 Maret School  
 Marion Military Institute  
 Massachusetts Institute of Technology  
 Mayfield Senior School  
 McDonogh School  
 Millsaps College  
 Mira Loma High School  
 Missouri University of Science & Technology  
 Montana State University Foundation  
 Mountain Vista Governor's School for Science,  
 Math & Technology  
 New Mexico Tech  
 North Seattle Community College  
 Northeast State Community College  
 Northern Virginia Community College  
 Northwest University  
 Northwestern University  
 Oak Chan Elementary  
 Oak Ridge High School  
 Oregon Tech Foundation  
 Osbourn Park High School  
 Oswego College Foundation  
 Ouachita Baptist University  
 Our Lady of the Lake School  
 Point Loma Nazarene University  
 Presentation School  
 Prince William County Schools Foundation  
 Purdue University  
 Reed Institute  
 Rolling Hills Middle School  
 Rose Hulman Institute of Technology  
 Rosemont High School  
 Sacramento Waldorf School  
 Sacred Heart Parish School  
 Saint Brendan School  
 Saint Catherine of Siena Parish School  
 Saint Croix Lutheran High School  
 Saint Francis High School  
 Saint John Notre Dame School  
 Saint John Vianney School  
 Saint Joseph School  
 Saint Louise Parish School  
 Saint Mark's High School  
 Saint Mark's Lutheran School  
 Saint Mary School  
 Saratoga Central Catholic High School  
 SAU Foundation  
 SAU Technology Foundation  
 Seattle University  
 Sierra College  
 Silva Valley Elementary School  
 Silver Firs Elementary  
 Skycrest Elementary School  
 Snow College Foundation  
 Socorro High School  
 South Dakota School of Mines & Technology  
 Foundation  
 Spotsylvania High School  
 Stevens Institute of Technology  
 Stony Brook Foundation  
 Suffield Academy  
 Sulphur Springs School  
 Texas Christian University  
 Texas Tech Foundation  
 The City of Dharma Realm Instilling Goodness  
 Schools  
 Thiel College  
 Thomas Jefferson High School for Science &  
 Technology  
 Tufts College  
 Tulane Educational Foundation  
 Tusculum College  
 UC Davis Foundation  
 UC Davis Graduate School of Management  
 United States Military Academy  
 University Foundation at Sacramento State  
 University of Alabama in Huntsville  
 University of Arkansas  
 University of California, Berkeley  
 University of California, San Diego  
 University of Central Arkansas  
 University of Iowa Foundation  
 University of Mary Washington Foundation  
 University of Maryland Foundation  
 University of Michigan  
 University of Nevada Reno Foundation  
 University of Notre Dame  
 University of Rio Grande  
 University of Southern California  
 University of Tennessee  
 University of the Pacific  
 University of Utah  
 University of Virginia  
 University of Washington  
 University of Wyoming Foundation  
 United States Air Force Academy  
 Utah State University  
 Vanderbilt University School of Nursing  
 Ventana Ranch Elementary School  
 Victory Christian  
 Victory Christian School  
 Virginia Tech  
 W.E. Mitchell Middle School  
 Wakefield School  
 Washington County Board of Education  
 Washington State University  
 Weber School District Foundation  
 Weber State University  
 Wesley College  
 West View School  
 West Virginia University Foundation  
 Western Washington University Foundation  
 Westmont College  
 Whatcom Community College  
 Wheaton College  
 William Jessup University  
 Worcester Polytechnic Institute



Aerojet Redmond volunteers at Little Bit Therapeutic Riding Center. From left to right: Charity Lawson and daughter Isabel, Dindy Uthus, Patty Lynn, Scott Jennings, Linda and Tim Bunce, and Erika Longakit Kyle.

## AEROJET IN ACTION

“People power” is a valuable asset in the nonprofit world. To supplement the power of volunteers, the GenCorp Foundation’s Aerojet in Action Program provides funding to local nonprofit organizations and schools that benefit from Aerojet employee volunteerism.

Aerojet employee committees at each site select organizations to support through local volunteer opportunities and events. Once the volunteer activity is completed, the committee recommends funding to help support the work of that nonprofit organization. In 2012, 51 nonprofit organizations received \$40,500 from the GenCorp Foundation on behalf of Aerojet employees.

13th Judicial District CASA North  
ALIVE!

American Cancer Society, Albuquerque  
American Cancer Society, Arkansas  
American Cancer Society, Sacramento  
American Cancer Society, Tennessee  
American Cancer Society, Virginia  
Arkansas High School Rodeo Association  
Boys & Girls Club El Dorado County  
Western Slope  
Camden Fairview High School  
Camden Fairview School District  
Culpeper Food Closet  
Disabled American Veterans  
Fauquier Free Clinic  
First United Methodist Church  
Freedom Riders  
Global Partnerships  
Good Samaritan Ministries  
Guide Dogs of America  
Harmon Johnson Elementary School  
Little Bit Therapeutic Riding Center  
Loaves & Fishes, Mustard Seed School  
Los Angeles Regional Food Bank  
Mercer Island Eastside Orphans & Waifs  
Multiple Sclerosis Society, Mid-South  
Chapter  
Northern Virginia Family Services  
Northwest Harvest, King County

Ouachita Area United Fund  
Ogden Weber Community Action  
Partnership  
Orange County Educational Foundation  
Pacific Lodge Youth Services  
Prince William County Schools  
Foundation  
Puerto Seguro  
RAFT-Resource Area for Teaching  
Rancho San Antonio Boys Home  
Rio Grande Valley CASA  
Sacramento Area Emergency Housing  
Center  
Salvation Army, Virginia  
Salvation Army, Huntsville  
Sara’s Sanctuary  
Socorro Storehouse  
Soil Born Farms  
Southern Appalachian Ronald McDonald  
House Charities  
Stanford Settlement  
Stephen J. Wampler Foundation  
Stephens High School  
Toys for Tots, Everett  
Toys for Tots, Huntsville  
Transitional Housing  
Twin Lakes Food Bank  
Women’s Crisis Center

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Vice President, Environmental  
Health & Safety

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pany

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Propulsion & Integrated  
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Vice President, Sustainable  
Operations

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**Juanita Garcia**  
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**Rebecca Cieplinski**  
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