



TECHNICAL SERVICES
Technology Day Brings Together 300 High School Students



In a continuing effort to inspire student interest in math and science careers, Northrop Grumman and eight other companies demonstrated innovative technology to more than 300 Maryland high school students.

The Fort Meade Alliance Spring Technology Day in Maryland gave students and Northrop Grumman employees the chance to interact in hands-on math and science technology demonstrations.

The Fort Meade Alliance Spring Technology Day, a half-day event at Howard Community College in Columbia, Maryland, gave students the chance to see different company demonstrations. Northrop Grumman offered two hands-on demonstrations.

Working with employee volunteers, students made a simple electromagnet by wrapping a wire around a nail and attaching the ends of the wire to a battery to make an electric circuit.

In the second demonstration, students marveled at a NASA/Northrop Grumman robotic vehicle that tests flight avionics for planetary exploration. The robot took a LADAR image of the audience, showing the exact distance to every object in the room. The engineers then explained how these images can be used by operators back on Earth to direct the mother ship to guide worker robots on other planets.

The next Technology Day, which will be co-sponsored by Northrop Grumman, is scheduled for October 2008.

ELECTRONIC SYSTEMS
Employee Volunteers Greet Troops with USO Care Packages



Northrop Grumman employee volunteer Linda Vine chats with troops before their departure from Baltimore/Washington International Thurgood Marshall Airport.

Each week, employee volunteers from Electronic Systems greet hundreds of Marines, air personnel, sailors and soldiers being deployed to Iraq and Afghanistan via Baltimore/Washington International Thurgood Marshall Airport. The employees, who have generously put in more than 400 hours of volunteer

time at the Air Mobility Command (AMC), pass along USO Care Packages to the service members.

Each scheduled four-hour volunteer session begins with a tour of the new USO Lounge located near the International Terminal, Pier E. Then volunteers help take the boxes of care packages up to the AMC for distribution. On average 300 to 400 service members leave each night. Volunteers greet them and pass out the care packages as the troops wait in line for departure.

"I have not personally known any service men or women fighting for us, so last night really put a human face on this war," said employee volunteer Kelly Gilligan. "I cannot describe how moved I was by the courage and bravery of young men and women my age. It really helped put things . . .into perspective for me."

SIGN UP—Employees interested in helping can send an e-mail to VERITASes@ngc.com to be added to the volunteer database.

SPACE TECHNOLOGY
Sector Recognizes Excellence in Volunteer Community Service

In May, during National Volunteer Week, the Space Technology sector recognized employee volunteers for their outstanding community contributions. During the past year, more than 1,000 employees participated in volunteer programs. A highlight was celebrating the 62 employees who earned \$200 Community Service Grants for organizations to which they dedicate volunteer time.



In May, Sector Vice President and Deputy for Operations Dave DiCarlo (in suit) presented awards to many Space Technology employee volunteers including, from left to right, David K. Lee (Education Advocate), Volunteer of the Year Phyllis Glock, and Ramon Coronel (Advocate Award).

Also recognized were three outstanding volunteers: David K. Lee, Community Advocate of the Year; Ramon Coronel, Education Advocate of the Year; and Volunteer of the Year Phyllis Glock. For each Advocate award, Northrop Grumman sent a \$500 check to the honoree's favorite nonprofit organization. For the Volunteer of the Year award, the donation was \$1,000 in her honor.



Joining Forces to Fight Cancer

In May, Northrop Grumman employee volunteers gathered in Los Angeles to march in support of the 15th Annual Revlon Walk to fight women's cancers.

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COMMUNITY PARTNERSHIPS IN MOTION

NORTHROP GRUMMAN

Building Partnerships for Stronger Communities

Northrop Grumman's Community Involvement Newsletter • Q4 2008 • Issue 3

FOCUS ON VOLUNTEERISM – The Spirit of Service Unites Efforts

Just stop and think about it for a moment: Northrop Grumman employees live and work in approximately 300 communities across the nation. Now imagine each of those people grabbing the spirit of volunteerism. Without question, it's a powerful image of making a difference in our communities.

There really is no limit to what Northrop Grumman volunteers can accomplish. And getting involved is now easier than ever. A good starting point is the new online portal to community service opportunities: www.northropgrumman.com/volunteers. As a bonus, employees have the ability to submit and track volunteer hours.

Volunteering doesn't have to be all hard work; it should be fun! Logging on to www.northropgrumman.com/volunteers opens up a world of opportunities: creating a department team-building volunteer effort, identifying co-workers with similar community service interests, or simply finding an opportunity for an individual to make a difference.

"Remember that volunteering doesn't have to mean a huge time commitment," said Cheryl Horn, corporate manager of Community Relations. "Even a few hours a month really can

make a difference to a community, especially when you consider the potential of our huge workforce and multiply an individual's hours by those of tens of thousands of co-workers."



At the Northrop Grumman Corporate office in Los Angeles, employees Kimberly Gee (seated) and Rene Cruz try out the new volunteer website during National Volunteer Week (April 27-May 3). The site will be launched corporate-wide by the end of 2008.

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VOLUNTEER HIGHLIGHT – SOUTHERN CALIFORNIA

Employee Volunteers Send the Troops TLC

At the Integrated Systems sector's manufacturing center in El Segundo, California, Northrop Grumman employees usually assemble major sections of military aircraft. But on Saturday, March 15, more than 400 company employees gathered from throughout Southern California to tackle an entirely different assembly challenge: troop care packages. In the process, the energized volunteers would end up setting a new record for the number of packages assembled in a single day.

Sponsored by the United Service Organizations (USO), Operation USO Care Package sends a little piece of home to U.S. military personnel serving in Afghanistan, Iraq and other overseas locations. This

weekend gathering marked the second year that Northrop Grumman hosted such an event with the USO.

"Today was another example of Northrop Grumman employees delivering quality products that support our U.S. military personnel," said Gary Ervin, president of the company's El Segundo-based Integrated Systems sector. "During the week, we assemble the center/aft fuselage of the U.S. Navy's F/A-18 aircraft in this facility.

We're equally proud to be assembling USO care packages for the men and women of the armed services who protect U.S. interests around the world."

In just over six hours, company volunteers assembled 16,200 packages, a USO single-day record, with each containing a collection of items deemed most-wanted by deployed troops. Since 2003, Northrop Grumman employees have also donated more than \$310,000 to the USO.

"This event set a new standard for us," said Ron Wise, director of Operation USO Care Package program, which hosts some 45 care package stuffing parties per year. "Normally we prepare 10,000 to 11,000 packages, but today we could not get people to stop.

I am just blown away by their enthusiasm and motivation. It speaks volumes about the kind of company Northrop Grumman is."

Wise's sentiment was echoed by Keith Burton, a community relations representative for the Integrated Systems sector who organized the event. "With the spirit of volunteerism we have in this company, I knew we could assemble the biggest number ever for the Operation USO Care Package program," he said.

Volunteers at the event carefully loaded small comforts of home into each package: body wipes, sunscreen, soft drink mixes, granola snacks, peanuts, playing cards, lens cleaner, prepaid international phone cards, disposable razors, chewing gum and lip balm. A final inclusion was a greeting card from the employees of Northrop Grumman that extended thanks to each U.S. service member for the sacrifices he or she is making for the nation.

Also on hand in the care package assembly line were several Hollywood types and USO supporters, including actors Connie Stevens, Kate Linder and Elaine Dupont, as well as entertainer Nancy Sinatra. The day's festivities included an executive from the Space Technology sector presenting a \$5,000 check to the Operation USO Care Package program on behalf of the sector's employees. The donation was funded 100 percent by the individual gifts of employees.

The U.S. Postal Service picked up the care packages from Northrop Grumman for shipment to Iraq, Afghanistan and several USO centers in California through which troops pass as they deploy.



Not Just Another Saturday

Northrop Grumman employees in Southern California came together at the company's El Segundo site to assemble care packages destined for U.S. military personnel deployed around the world.



Lights...Camera...Volunteer

The USO care package stuffing party in El Segundo had a real show-business feel. Along with the cameras and broadcast news media, there was music and periodic line dancing to keep the volunteers upbeat.

SECTOR ROUNDUP

A quick look at some of the many community outreach efforts here at Northrop Grumman.

CORPORATE

In-House Fair Celebrates National Volunteer Week

In April, the Corporate office opened its doors to various community organizations in celebration of National Volunteer Week (April 27 – May 3). One of the highlights was the chance for employees to try out the newly launched employee volunteer website. Employees learned how to login, search for volunteer events in their communities, and customize pages.

Organizations at the event included Big Brothers Big Sisters of Greater Los Angeles, Boys & Girls Club of Venice, Gwen Bolden Youth Foundation, Los Angeles Ronald McDonald House, Jenesse Center, Paving the Way Foundation and WISE & Healthy Aging.

Employee Volunteers Earn Community Service Awards

At a luncheon on May 7, Corporate employees received kudos for their community volunteer efforts. Seventeen employees attended, along with representatives from the nonprofit agencies at which they volunteer. Each nonprofit agency representative received a \$200 grant on behalf of the employee.



Katie Farris was one of many volunteers who took aim on dismantling weapons before they were melted in the foundry's induction furnace. (Photo by Chris Oxley.)

SHIPBUILDING

Employees Turn Out to Celebrate "Earth Day 2008"

The Environmental, Health and Safety department at Newport News gathered more than 100 employee volunteers for various "Earth Day 2008" activities. On April 21, 80 employees handed out 15,000 packets of aster seeds. The next day, 63 employees cleaned up more than a half-ton of trash and replenished 51 cubic yards of pine bark mulch at Christopher Newport Park in downtown Newport News.

"Despite the rain, Earth Day was a huge success," said Erin Magee, associate environmental engineer. "We managed to capture more locations and people on handout day than any other year."

Said Doug Kennedy, superintendent, Christopher Newport Park Facilities and Landscape Services: "The work Northrop Grumman Newport News volunteers did in two hours would have taken my small team three to four days. We appreciate the volunteers coming out to support Earth Day."



In April, Northrop Grumman employee volunteers (from left to right) Renee K. Chabot, Georgia Reyes and Monica Jones took part in "Earth Day 2008" by replenishing pine bark mulch at Christopher Newport Park.

More than 1,200 Weapons Melted

Thanks to Newport News volunteers, more than 1,200 guns and knives will never be used to hurt another or commit a crime. What began as a Newport News Police Department initiative to reduce street weapons in the Hampton Roads area continued with Northrop Grumman volunteers.

The volunteers helped dismantle the various guns and knives that were either seized by police or turned in during a recent buy-back program. Once readied, the weapons went into an induction furnace that reaches 2,800 degrees and turned the once-harmful implements to liquid metal in about eight hours.

"We are pleased to support this worthwhile cause," said Bob Gunter, senior vice president of Operations. "This project continues our strong partnership with the police department and with our community. Our employees spend a great deal of their time volunteering here at Newport News and at our Gulf Coast shipyards, and this is just another great example of how they respond when our community needs support."