THE ROCK

Serving the employees and residents of Rock Island Arsenal.

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Veterans--

Yesterday and today

The recent PBS documentary entitled "The War" brought renewed attention to World War II, its impact on our nation and – most importantly – on the Americans who fought in the war, and who changed history as a result. This is a topic of personal interest to me, because I am the son of a World War II veteran.

Like most veterans of his generation, my Dad never talked very much about what he did during the War, nor about the terrible things he probably saw. But I know the experience had a profound impact on his life, and it also made him a hero in my eyes. His example inspired me in ways that continue today, and will probably continue for the rest of my life.

More than 16 million Americans served in uniform during World War II, and more than 400,000 of them gave their lives in service to their nation. More than 2.75 million World War II veterans are still living today; within a decade, however, than number is expected to dwindle to about 475,000.

As any veteran from that era could tell you, the Americans who wore the uniform during the largest, bloodiest war in history grew up in and lived in a world far different from the one we know today. Consider this: During World War II, a private fresh out of basic training received basic pay of $50 a month. Today's E-1 receives basic pay of $1,300 a month. While this sounds like a huge gap, when the figures are adjusted for inflation, the pay scale becomes roughly comparable.

Even though a dollar went a lot farther back then, no amount of 1940s money could have bought the high-tech items which are now part of our daily lives.

For example, let's look at how the World War II soldier was equipped and how much it cost, compared to the Soldiers of today.

The World War II combat Soldier went into battle wearing a wool khaki uniform and a steel helmet. He was equipped with a rifle and a belt used to carry a canteen, ammunition and a few other basic items. In today's money, that equipment cost about $170.

Today's combat Soldier wears a lightweight Kevlar helmet, body armor, fireproof gloves, knee and elbow pads, protective eyewear, and a camouflage uniform made of synthetic fabrics.

He carries a modular carbine with a scope, along with night vision goggles. It costs more than $17,000 to equip the Soldier of the early 21st century, a figure that will continue to rise as technology advances.

Maj. Gen. Robert Radin

> *"...today's combat Soldier carries far greater firepower, is much better protected, and is many times more lethal, agile and mobile than his World War II counterpart."*
> *- Maj. Gen. Robert Radin*

Because of the investment we've made in equipment and training, today's combat Soldier carries far greater firepower, is much better protected, and is many times more lethal, agile and mobile than his World War II counterpart. Still, there is something about today's Soldier that hasn't changed since World War II, nor even since the Continental Army fought for America's independence.

The 21st-century Soldier still has the heart of a warrior, and still carries the values of service, duty and selfless sacrifice passed down by previous generations. These are the values that were taught to me by my Dad, and that are the legacy of our nation's veterans.

On November 11, we will celebrate these enduring values as we mark Veterans Day. Let us use this occasion to thank all of our veterans and all those who are now in service, and to dedicate ourselves to carrying forward a set of values that can't be bought at any price.

photo by Rhonda Seward

Olympian Ruben Gonzalez speaks to the Hispance Heritage Month Luncheon Oct. 17. He urged all people to overcome obstacles and follow their dreams.

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THE ROCK

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(On the Cover) - Maj. Gen. Robert Radin addresses competitors in the Combined Federal Campaign Kickoff Olympics Nov. 6. This year's CFC goal is $650,000.

Olympian Gonzalez speaks at Hispanic Heritage event

By
RHONDA SEWARD
Rock Island Garrison Public Affairs

Author and three-time olympian Ruben Gonzalez revealed his secret to success during the Hispanic Heritage Month Luncheon at the Arsenal Club, Rock Island Arsenal, Oct. 17.

"Focus on the dream and not the obstacle, hang around winners," Gonzalez said.

Gonzalez told the story of his journey to success when he addressed the audience at the Arsenal club.

Gonzalez challenged the audience to dream and find the determination to follow their dreams. "I was 17 when I watched the Miracle and it inspired a dream in me. I dreamed of becoming an Olympian."

> *"Follow your dreams and surround yourself with positive people,"*
> Ruben Gonzalez
> Olympic luge competitor

"I remember writing 'Sports Illustrated' and inquiring about training to be a part of the luge team, to my surprise they wrote back with the location Lake Placid.' When I told the man on the phone that I was 21 years old he replied, "You're10 years too late."

Gonzalez was determined not to give up and continued to plead his case.

Once he stated he was from Argentina he was told he had a chance if he would agreed to play for Argentina. But he was not out of the woods yet, he had to compete and qualify in the top 50 category in the world before he could make the Olympic team. He said it was hard for him, a man who knew nothing about the sport. "I was no athlete, he said."

"I said sure I will compete on any team". At that moment Gonzalez took on the challenge. "I encourage all of you to challenge yourselves," he said.

"Follow your dreams and surround yourself with positive people," Gonzalez said.

Hispanic Heritage Month became official in 1988. It now includes Columbus Day and Dia de la Raza (Day of the Race) commemorating the first immigration of Hispanics to America.

Helping our world forward --

Combined Federal Campaign

By
Gale Smith
Joint Munitions Command Public Affairs

photo by Eric Cramer

Rock Island Arsenal Police Chief Larry Blocker carryies a pingpong ball in the kickoff for this years Combined Federal compaign. The goal of this years campaign is to raise $650,000 for designated organizations.

The local Illowa Bi-State Combined Federal Campaign is wrapping up across the island and throughout the twelve county campaign area.

Laura Pash, this year's overall chair of the local CFC said, "Another campaign for our area is coming to a close. It has been a true inspiration to me, as the 2007 Chair, to see our Local Federal Coordinating Committee members work so well with each of their organizations, attempting to bring our overarching goal of $650,000 a reality. What great things we do together, in so many different ways, to make this happen. My hat is off to those who have given so much of their time to assist in this year's campaign and kudos to all who have given to ~Help Our World Forward!"

Senior leaders from across the island, led by Maj. Gen. Robert Radin, honorary chair of the campaign and the commander of the Army Sustainment Command, have participated in a wide variety of CFC special events across the island.

From the long standing Corps of Engineers Chili Cook-off and on-line auction, to the Rock Island Arsenal Joint Manufacturing and Technology Center's Bake Sale and Chili Cook-off, the TACOM Life Cycle Management Command Rock Island's Goblin Fest and Baker's celebration, the Army Sustainment Command headquarters' CFC Rally Walk, the Joint Munitions Command headquarters' Salsa Contest and Edgewood Chemical and Biological Command Rock Island Site CFC Awareness Kickoff /Halloween Pizza Party, CFC volunteers have used these events to promote the campaign.

In addition to speaking throughout organizations across the island, the four Loaned Executives, Chris Cowles from the U.S. Army Garrison – Rock Island Arsenal, Linda Dothard from JMC headquarters, John Gunther from TACOM LCMC RI and Luis Gaeta from the RIA JMTC, have been busy reaching out to federal organizations across the entire campaign area.

"Having the opportunity as a Loaned Executive to stretch out and speak to other Federal employees that are not only located at Rock Island Arsenal, but in our 12 county region, has truly been a rewarding experience. The support for the CFC that is generated by the many organizations is very uplifting. As Federal employees, we have this annual opportunity to reach out and give to non-profit agencies that we, as individuals truly believe in their causes. The greatest thing that people are becoming aware of is that just their one pledge form can make such a difference in the lives of so many people, and through the payroll deduction, it is so easy to give! Many thanks to all that have worked so hard to make this year's Combined Federal Campaign the success that is has been and have stepped up to 'Help Our World Forward,'" said Chris Cowles, Loaned Executive from the U.S. Army Garrison, Rock Island Arsenal.

John Gunther, Loaned Executive from TACOM Lifecycle Management Command, Rock Island, had similar thoughts, "It has been the utmost enjoyment going out to the 12 counties around the arsenal and give the opportunity for every Federal Employee the chance to donate to worthwhile charities. Some

folks are overwhelmed at first at all of the different charities that are listed to pick from, but then once you start to look over the listing, the ones that you want to give to pop out. It makes your heart sing when you know you can make a difference with someone and not even know that person / people that you are contributing to. With the theme this year of 'Help Our World Forward,' a person can make a difference and we can help our world here and overseas a better place. We all have so much to be thankful for these jobs that we have and not to turn it around and share just a few dollars each pay check would be a shame."

And Linda Dothard, Loaned Executive from Headquarters, Joint Munitions Command, expressed comparable feelings, "The 2007 CFC campaign has been a very humbling experience for me. I have thoroughly enjoyed working with all of the on island and off island organizations to reach our 2007 goal of $650,000. It is only with the help of everyone that we can reach this goal. I believe we have so many people with generous hearts that our goal will be reached and surpassed. Your generosity is a testament of how many people really care about the welfare of others. As we look at our 2007 campaign we are eternally grateful for those who have made the sacrifice to contribute to CFC. I have learned so much about each organization I have spoken to this year. It has further re-emphasized to all of our loaned executives the important job we have in making certain each person has been given an opportunity to contribute through the CFC."

Running the CFC takes a lot of time and effort by the dedicated volunteers: the chair and vice chairs of the overall campaign, the chairs and co-chairs from the major federal organizations, and the keypeople who reach out to their peers. As Maj. Gen. Radin said in his Rock column last month, "You are outstanding public servants in the truest and best sense of the term, and I appreciate all that you're doing to make this important campaign a success." Getting donations from federal employees to the charities is what CFC is all about. Pash concluded by saying, "If you have not had a chance to give, please consider it. We are still taking pledges."

photo by Eric Cramer

Above, Vince George, chief of the USAG-Rock Island Internal Review and Compliance office, competes in CFC kickoff events. Below left, RIA CFC Chair Laura Pash welcomes competitors to the event. Below right, Maj. Gen. Robert Radin welcomed competitors and praised their efforts in helping CFC.

Garrison engineers earn DoE award

More efficient air conditioning chillers save money, improve operations

By
Eric Cramer
Garrison Public Affairs

Five members of Rock Island Arsenal's garrison engineering team received the Energy Efficiency/Energy Program Management Award for Small Groups at a ceremony Nov. 1 in Washington, D.C.

Winning team members were David Osborn, Carlo Facciolla, Jay Richter, Charles Swynenberg and James Thompson. Osborn said Thompson, who retired last year, was unable to attend the award ceremony. Samuel Bodman, secretary of energy for the United States, presented the awards.

The team was singled out for the efficiency brought to the Arsenal when it replaced six steam adsorption chillers with five new high-efficiency electric centrifugal chillers located in three central plants – a $5.2 million project completed in May 2006.

The team received a Department of the Army award for the installation of the new system in August before receiving the Department of Energy award.

The steam chillers were 30 years old and on the verge of failure – one had already failed. Osborn said there were a number of efficiency improvements as a result of the changeover.

He said the steam chillers were both efficient and made a lot of sense when steam power was used to drive forge hammers in the Rock Island Arsenal Joint Manufacturing and Technology Center.

"The forge hammers were converted to run on compressed air in the 1990s," Osborn said. "But we retained the steam chillers. The system works well when you have a big factory steam load."

Receiving the Department of Enery Energy Efficiency/Program Management Award for U.S. Army Garrison Rock Island Arsenal are: Jay Richter, Carlo Facciolla, Charles Swynberg and Jerry Secsher.

He said the analysis that led to the changeover required looking at the way the steam plant was used throughout the installation.

"We had to look at what would happen if we shut the entire steam plant down during the summer months, and ran new electric chillers instead. The 'analysis box' went around the entire

(See Energy, page 7)

DLA liaison assumes duties at TACOM LCMC

By
REBECCA MONTGOMERY
TACOM LCMC RI Public Affairs

Lt. Col. Mary "Crickett" LeMasters has assumed the duties of TACOM Life Cycle Management Command Rock Island's Defense Logistics Agency Customer Support Representative.

As Customer Support Representative, LeMasters acts as a liaison between TACOM LCMC and DLA supply centers and resolves issues related to supply support.

LeMasters came to TACOM LCMC Rock Island from the Defense Logistics Agency Central Command at MacDill Air Force Base, Fla., where she served as operations officer. As DLA representative there she coordinated and resolved logistics support and sustainment issues.

LeMasters has served in previous active duty reserve assignments as budget officer, 7th U.S. Army Reserve Command, Schwetzingen, Germany; and chief of the Fielding and Requirements Section, U.S. Army Missile Command, Redstone Arsenal, Ala.

She has also served in the civilian civil service as a management assistant, Army Material Command – Europe, 1st Armored Division, Wiesbaden, Germany; supply systems analyst and budget assistant, Ft. Stewart, Ga.; supervisory supply technician, 222nd Base Support Battalion, Baumholder, Germany; and general supply specialist, U.S. Army Missile Command, Redstone Arsenal, Ala.

LeMasters has a bachelor of science degree in biology from the University of North Carolina. Her awards and decorations include the Joint Services Commendation Medal, Meritorious Service Medal, Defense Meritorious Service Medal, Outstanding Civilian Service Award, Commander's Award for Civilian Service and Superior Civilian Service Award.

LEMASTERS

LeMasters enjoys fishing and won the big bass title for catching a 3.82 pound small mouth bass at the American Bass Anglers' Take a Soldier Fishing day on the Mississippi River off Rock Island Arsenal Sept. 30.

LeMasters and her husband, Col. Clark LeMasters of the Army Sustainment Command, live in Bettendorf, Iowa, with their two children, Lauren, 19, and Steven, 16.

DA Official visits Lean Six Sigma Black Belt graduation

By
Rhys Fullerlove
Army Sustainment Command Public Affairs

Deputy Under Secretary of the Army for Business Transformation Michael A. Kirby went out of his way to deliver a special message to ASC's Lean Six Sigma Black Belt October graduating class.

Kirby expressed the importance of the Black Belt achievement. "You as black belts are responsible for changing the mindset. You are real people, doing real jobs, making a real difference," he said.

Using Lean Six Sigma as the Army's Continuous Process Improvement methodology, Kirby directs the largest deployment ever attempted. This effort is underway with training, education, and process selection. Traveling through the Midwest, Kirby made time in his schedule to visit Rock Island specifically to talk to the graduating class.

Ten ASC personnel graduated in the recent class, bringing the total of trained Black Belts in the command to 24, with 16 trained Green Belts also in development.

Kirby has high expectations for all Black Belts in the short term. "Lean Six Sigma is working at the top and the bottom to get the enterprise value we have to pull through the middle," said Kirby. Speaking to the graduates, he said, "You are the ones who generate the value, which is irresistible to the senior leadership."

Kirby went on to note Black Belts are the ones who are going to catch fire and take off. He said he tries to get around and talk to as many BlackBelts as possible because they are an investment in the Army and are going to lead the way for a culture shift.

In his remarks, he went on to address how Lean Six Sigma is making changes in the institutional Army. "Army projects at the Black Belt-level are getting about 10 times more value then the industry standard," Kirby said. "The reason is because we are fat. You can take the skills that you have learned and go out and have enormous impact on your organization because the structure isn't right."

Meredith "Joe" Wilcox, a Black Belt graduate, said having Mr. Kirby speak to them helped put what they were doing into the larger context.

"Hearing what people in other commands were doing helped me realize that the little things I do here make a larger impact on the Army as a whole than I thought," said Wilcox.

Scott Welker, Deputy to the ASC Commander, also spoke to the graduates. Welker talked about how Lean Six Sigma can help us in our mission with ARFORGEN. "We're developing every step in the process on the fly because we have never done it before," said Welker. "What better tool do we have in place than Lean Six Sigma to be able to figure out upfront how to build it more efficiently so we aren't building an archaic system."

Jyuji D. Hewitt, Deputy to the Commander for Joint Munitions Command also spoke to the graduates. Hewitt remarked on the importance of sharing information.

"Information does not have to reside within one command," said Hewitt. "The sharing starts with you. ASC is a perfect venue because it reaches out to all the other life-cycle management commands."

Maj. Gen. Radin dedicates hero street monument in Silvis, Ill.

Maj. Gen. Robert M. Radin, commanding general of the U.S. Army Sustainment Command at Rock Island Arsenal, reminded people of the hardships faced by our World War II and Korean Veterans while participating in the Hero Street Monument dedication Oct. 6, in Silvis, Ill.

The monument honors eight Hispanic-American men from one street in Silvis who died during World War II and the Korean War.

Radin displayed a service-star banner made by his wife and explained its history. "The blue star was designated for each family member serving in the armed forces, with up to five per banner.

The blue star would be replaced with a gold star if the family member died while in service."

The monument's dedication marked an end to a project that began in 1993.

Energy

Arsenal," Osborn said.

That analysis showed huge gains in efficiency from making the change. Energy cost savings were more than $420,000 over a 25-year lifecycle. Total annual savings were more than $1 million.

"It actually took less electricity to run the electric chillers than it did to run the steam plant," he said. He said some of the steam plant's peripheral uses, including heating hot water and operating some RIA-JMTC equipment had to be addressed by new hot water heaters and small boilers – and even with these additions, the switch to electrical chillers had advantages.

What kind of advantages?

"Our coal use dropped by 4,000 tons. There was an 8.9 percent reduction of energy use island wide, and a 16 percent reduction in carbon emissions," Osborn said. "Steam chillers are also more complex and require more maintenance than electrical chillers, so there is much less maintenance cost on the new system."

He said there are also very few companies that still have the know-how to maintain steam chillers, and components are harder to find and more expensive than more readily available electrical systems.

Osborn said that large electric chillers also achieve large efficiency levels.

"They have what is known as a 'coefficient of performance' that's like the energy efficiency ratio, the EER, listed on your home air conditioner or refrigerator," he said. "The chillers we place are far more efficient than the steam chillers, and approach the efficiency of heat pumps. Although they're designed to run at 100 percent capacity, most of the time we're operating at about 65 percent of their capacity – it's like running your car down the highway at a lower speed, you're fuel economy improves."

Originally planned to pay back its full value over a seven year period, Osborn said the project is now expected to pay for itself in five years or less.

Surrounded by Soldiers from Rock Island Arsenal and their families, Garrison Manager John Curry signs the Army Family Covenant in a ceremony held at the Arsenal Club, Nov. 6. The covenant is an Army-wide committment to providing support for Soldiers and their families. The text of the covenant appears below.

THE ARMY FAMILY COVENANT

We recognize the commitment and increasing sacrifices that our Families are making every day.

We recognize the strength of our Soldiers comes from the strength of their Families.

We are committed to providing Soldiers and Families a Quality of Life that is commensurate with their service.

We are committed to providing our Families a strong, supportive environment where they can thrive.

We are committed to building a partnership with Army Families that enhances their strength and resilience.

We are committed to improving Family readiness by:

- *Standardizing and funding existing Family programs and services*
- *Increasing accessibility and quality of health care*
- *Improving Soldier and Family housing*
- *Ensuring excellence in schools, youth services, and child care*
- *Expanding education and employment opportunities for Family members*