DEFENSE ACQUISITION UNIVERSITY WINS 2007 CHIEF LEARNING OFFICER (CLO) LEARNING IN PRACTICE AWARD

On Oct. 2, DAU received the Gold Award for Innovation at the 2007 CLO Learning in Practice Awards ceremony in Tucson, Ariz. The Learning in Practice Awards, sponsored by *Chief Learning Officer* magazine, honor those leaders who have demonstrated excellence in the design and delivery of workforce learning and development programs. The Gold Award for Innovation recognizes highly successful applications of emerging technologies and/or methodologies that have created a stimulating and engaging combination of content and modalities during the past year.

DEPARTMENT OF DEFENSE NEWS RELEASE (SEPT. 17, 2007)

DOD SELECTS TRIBAL COLLEGES AND UNIVERSITIES FOR GRANTS

The Department of Defense announced today plans to award instrumentation grants totaling $1.7 million to nine tribal colleges and universities. These grants will be made under the fiscal year 2007 DoD Historically Black Colleges and Universities and Minority Institutions Infrastructure Support Program. The grants will enhance programs and capabilities at these minority institutions in scientific disciplines critical to national security and the DoD.

This announcement is the result of merit competition for infrastructure support funding conducted for the Office of Defense Research and Engineering by the Army Research Office. The solicitation resulted in 18 proposals in response to a broad agency announcement issued in April 2007. The Army Research Office plans to award nine equipment grants ranging from $107,000 to $248,000. Each award will have a 12-month performance period.

Awards will be made only after written agreements are reached between the department and the institutions. The list of recipients is available at <www.defenselink.mil/news/finalists.pdf>.

AIR FORCE PRINT NEWS (SEPT. 18, 2007)

ROBINS BREAKOUT PROGRAM BENEFITS AIR FORCE, LOCAL BUSINESSES

Amanda Creel

ROBINS AIR FORCE BASE, Ga.—The Robins Air Force Base U-2S program is "breaking out" and saving time, energy, and money by using the expertise of local businesses. The 560th Aircraft Sustainment Group, which maintains the U-2 program, has been using the Breakout program since 1985, and base officials said the program has saved the Air Force millions of dollars since its inception.

The Breakout program, charged with finding and using local vendors to produce and repair spare parts for U-2 ground support equipment, spends between $1.5 million and $2 million each fiscal year. The estimated cost avoidance or savings of the program is about $4 million to $5 million annually.

"It's all about breaking items away from the prime contractor and going to local shops in the Middle Georgia area," said David Whiddon, the Breakout program manager. "Not only does the program positively impact the local economy, it does so at a very significant cost reduction to the program compared to the costs of using prime weapons systems contractors."

"The takeaway is we partner with the local small businesses and save a tremendous amount of money," said Debbie Ball, the chief of the weapon system supply chain management division.

Many local shops involved in the program sign letters committing their shop's services 24 hours a day, seven

ROBINS AFB, Ga. (Sept. 12, 2007)—Lana Stone, owner and president of Stone Machine and Tool Inc., and Bobby Hutson, quality manager for the company, answer questions from David Whiddon, the Breakout program manager, as he examines parts that Stone Machine and Tool produced for the U-2S Breakout program.
U.S. Air Force photograph by Sue Sapp

days a week, to fulfill the needs of the warfighter and the U-2 mission.

Ball said one of the perks of using the small local businesses is their enthusiasm.

"They are so proud and very eager to help. If they know we need a part, they'll work extra hours to get that part to us," Ball said. "They just bend over backward to accomplish the task."

One benefit of the Breakout program is one-on-one communication, said Jeff Stone, the vice president of Stone Machine and Tool, Inc. The machine shop specializes in fabrication and ground support refurbishing.

"The face-to-face communication compared to a telephone call with some agencies we work with makes a big difference," Stone said.

Another benefit of the improved communication includes the ability to quickly solve or address problems that arise during production or repair.

The program also offers the flexibility to readdress priorities on certain items even after the contract is awarded based on the present needs of the warfighter, Whiddon said.

Creel writes for 78th Air Base Wing Public Affairs.

U.S. ARMY ACQUISITION SUPPORT CENTER (OCT. 8, 2007)

2007 U.S. ARMY ACQUISITION CORPS (AAC) AWARDS CEREMONY RECOGNIZES ACQUISITION STARS

ARLINGTON, Va.—The acquisition community held its 2007 AAC Annual Awards Ceremony on Oct. 7. The event recognized the accomplishments of the acquisition workforce's most extraordinary members and the teams they lead. The ceremony's theme, "Celebrating Our Acquisition Stars," was a tribute to the military and civilian professionals who work tirelessly behind the scenes to provide combatant commanders and their soldiers the weapons and equipment they need to execute decisive, full-spectrum operations in support of the Global War on Terrorism.

The U.S. Army Acquisition Support Center supports Army warfighter readiness by developing a world-class professional acquisition workforce, effectively acquiring and stewarding resources and providing customers with the best possible products and services.

2007 AAC AWARD WINNERS

2007 Secretary of the Army Award for Excellence in Contracting

Barbara C. Heald Award

Douglas Packard, Office of the Deputy Assistant Secretary for Policy and Procurement

2007 Army Life Cycle Logistician of the Year Award

Michael Hartwell, Integrated Materiel Management Center, U.S. Army Aviation and Missile Life Cycle Management Command (LCMC)

2007 Department of the Army Research and Development Laboratory of the Year Awards

Research Laboratory of the Year

U.S. Army Engineer, Research and Development Center, U.S. Army Corps of Engineers

Large Development Laboratory of the Year

U.S. Army Aviation and Missile Research, Development and Engineering Center (AMRDEC), U.S. Army Materiel Command (AMC)

Small Development Laboratory of the Year

U.S. Army Edgewood Chemical Biological Center, AMC

Collaboration Teams of the Year

AMRDEC and the U.S. Army Armament, Research, Development and Engineering Center (ARDEC) for the Micro Electro-Mechanical Systems, Inertial Measurement Unit Manufacturing Effort

AMRDEC and the U.S. Army Research Laboratory (ARL) for the Rotorcraft Drive Systems for the 21st Century

ARDEC and ARL for the Hyper™ Chip Development Team

ARL and U.S. Army Tank Automotive Research, Development and Engineering Center for the Interim High-Mobility Engineering Excavator Add-On Armor Kit

2007 Secretary of the Army Acquisition Director and Project and Product Manager of the Year Awards

Acquisition Director of the Year at the LTC Level

Lt. Col.(P) Craig DeDecker, U.S. Army Contracting Agency (ACA), Northern Region Contracting Center

Product Manager of the Year

Lt. Col. Jeffrey Souder, PEO Missiles and Space, Cruise Missile Defense Systems, Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System

Acquisition Director of the Year at the COL Level

Col. L. Christopher Sullivan, U.S. Army Test and Evaluation Command, U.S. Army Aviation Technical Test Center

Project Manager of the Year

Col.(P) Peter Fuller, PEO Ground Combat Systems, Project Management Office Stryker Brigade Combat Team
Col. Scott Kidd, PEO Combat Support and Combat Service Support, Project Manager Tactical Vehicles

2007 Army Acquisition Excellence Awards

Individual Sustained Achievement
James Crum, Iraq Project and Contracting Office, Washington
Equipping and Sustaining Our Soldiers Systems
PM Counter Radio Controlled Improvised Explosive Devices Electronic Warfare Integrated Logistics and Supportability Team, PEO Intelligence, Electronic Warfare and Sensors, Project Director Signals Warfare
Information Enabled Army
Tactical Operations Centers Product Office Management Team, PEO Command, Control and Communications Tactical, Project Manager Tactical Radio Communications Systems
Transforming the Way We Do Business
Improved Outer Tactical Vest Team, PEO Soldier, Product Manager Soldier Survivability

For more information about the 2007 AAC Awards Ceremony, contact Mike Roddin at 703-805-1035 or Mike.Roddin@us.army.mil. For additional information about USAASC, visit <http://asc.army.mil>.

BUSINESS TRANSFORMATION AGENCY NEWS RELEASE (OCT. 15, 2007)
BTA RECOGNIZED WITH BEST INDUSTRY SERVICE-ORIENTED ARCHITECTURE (SOA) APPLICATION

ARLINGTON, Va.—The Business Transformation Agency's (BTA's) Service-Oriented Architecture (SOA) approach to enterprise services and systems-data integration was recognized with the Best Industry SOA Application award at the 2007 SOA E-Government conference, held Oct. 1-2 in McLean, Va.

The award was presented to William Mancuso of Team IBM under the direction of Dennis E. Wisnosky, DoD Business Mission Area Chief Technical Officer, supporting BTA's SOA effort.

"It's a real honor to be recognized as one of the best in an SOA competition across government and industry, and to be recognized for our top down/bottom up approach to Enterprise Architecture (EA) and common interfaces for Enterprise Resource Planning systems," noted Mancuso.

The essential role of data architecture in the SOA is to achieve interoperability through a common data model and integration. The SOA approach analyzes defense business systems and Business Mission Area ERP systems against a Conceptual Data Model within the Business Enterprise Architecture (BEA).

AIR FORCE PRINT NEWS (OCT. 15, 2007)
AWARDS SHINE SPOTLIGHT ON AIR FORCE'S BEST, BRIGHTEST

Julie Imada

U.S. AIR FORCE ACADEMY, Colo.—The efforts of the best and the brightest scientists, technicians, and engineers were honored at the Air Force Scientist & Engineer and Science & Technology Awards ceremony that took place Oct. 4.

Among the award winners was 2nd Lt. Robert Bethancourt, recognized for his outstanding contributions in cadet research in 2007. While he's pursuing his Air Force career as a pilot instead of a scientist, he said the scientific understanding and research skills he learned at the Academy can be applied to his overall Air Force career.

The 2007 Academy graduate acknowledged the role fellow award recipient Dr. Paul Vergez played in his growth as a scientist and an officer. He said all Academy faculty play important mentoring roles for the cadets and teach them research methods for life.

Vergez was named Outstanding Science and Engineering Educator of the Year. He mentored and led cadets as part of the Attitude Control of Satellites program. The astronautical engineer said the "hands-on" learning opportunities cadets receive are key building blocks for the Air Force's future scientists, technicians, and engineers. The program Vergez leads allows cadets to benefit from Department of Defense funds and support for their projects.

The award recipients were saluted by guests including Terry Jaggers, deputy assistant secretary of the Air Force for science, technology and engineering, and other top Air Force leaders from around the country.

Dr. Mark Lewis, the chief scientist of the Air Force, and Air Force Brig. Gen. Dana Born, the Academy's dean of faculty, addressed the crowd.

Born said it is indicative of the Academy's dedication and contribution to the overall scientific achievement

of the Air Force, that the award ceremony was held at the Academy. Among this year's honorees were several Academy faculty members, officers, and a 2007 Academy grad.

"In just a few years, our cadets will be using technologies that don't exist today and will be facing problems we could not possibly predict today," Born said. "We are dedicated to cultivate adaptable leaders and critical thinkers who can confidently problem solve, communicate and collaborate, regardless of the challenge, who will excel in a global, technical, complex, ambiguous, and dynamic environment."

Jaggers spoke of the tenacity shown in past years following personnel and fiscal cuts, and the impressive achievements accomplished despite those challenges.

Lewis marked the anniversary of the start of the space race and the former USSR's launch of Sputnik. He called for America's leaders, and those in the Air Force in particular, to re-dedicate themselves to America's continued dominance of space. He said the men and women in the Air Force and America have learned, by trial and error in their bid to control space, and that it's in the country's best interest and security to continue to dominate space.

Lewis added the inclusion of the Academy honorees showed the institution's leadership, not only in science, technology, and engineering, but in the overall education of future officers. He said the Academy teaches research skills to cadets and those real-world skills help them be independent thinkers and teach them to respond creatively to situations. He cited the cadet contributions to the FalconSat satellite design program.

The program teaches science and technology while simultaneously giving them hands-on research and presentation skills. The program culminates in the cadet-designed satellites being used in space for research.

Learning is a two-way street, added Vergez. He has fun and learns from his students, while teaching them the skills to be "good problem solvers, work together as a team, and be better officers."

Winners of the 2007 Scientist & Engineer and Science & Technology awards include:

Dr. Jim Riker, Air Force Research Laboratory, Harold Brown Award

Leonid Perlovsky, AFRL, McLucas Basic Research Award

Tim Edwards, Biswa Ganguly, and John McGuire, AFRL, Honorable Mention, McLucas Basic Research Award

John Raquet, Air Force Institute of Technology, Honorable Mention, McLucas Basic Research Award

Lt. Col. Dennis Montera, AFRL, Air Force Research & Development Award

Lt. Col Andrew Berry and Maj. Michael Latanzi, U.S. Air Force Academy Institute for Informational Technology Applications, Air Force Research & Development Award

Capt. Joseph Hank, Capt. Nidel Jodeh, and 1st Lt. Josh Markow, AFRL, Air Force Research & Development Award

Dr. Terry Lyons, Air Force Office of Scientific Research, Air Force Science & Engineering Award (Research Management)

Dr. Tom Jackson, AFRL, Air Force Science & Engineering Award (Exploratory Development)

Dr. Skip Williams, AFRL, Air Force Science & Engineering Award (Engineering Achievement)

Dr. Howard Sizek, AFRL, Air Force Science & Engineering Award (Manufacturing Technology)

Dr. Carl Lombard, AFRL, Air Force Science & Engineering Award (Manufacturing Technology)

2nd Lt. Robert Bethencourt, Air Force Academy Department of Astronautics, Outstanding Cadet Researcher

Dr. Paul Vergez, Air Force Academy Department of Astronautics, Air Force Outstanding Science & Engineering Educator Award

Trenton White, AFRL, Air Force Outstanding Scientist Award, Junior Civilian

Dr. Rajesh Naik, AFRL, Air Force Outstanding Scientist Award, Mid-Career Civilian

Dr. John Borsi, HQ Air Force, Air Force Outstanding Scientist Award, Senior Civilian

Capt. Scott Bjorge, AFRL, Air Force Outstanding Scientist Award, Junior Military

Maj. Joseph Troy Morgan, U.S Central Command, Air Force Outstanding Scientist Award, Mid-Career Military

Lt. Col. Scott Long, Air Education and Training Command Studies and Analysis Squadron, Air Force Outstanding Scientist Award, Senior Military

Jay Ostler, 730th Aircraft Sustainment Group, Air Force Outstanding Engineer Award, Junior Civilian

Richard Evans, 36th Electronic Warfare Squadron, Air Force Outstanding Engineer Award, Mid-Career Civilian

Lothar Deil, 453rd Electronic Warfare Squadron, Air Force Outstanding Engineer Award, Senior Civilian

1st Lt. Mark Mallory, AFRL, Air Force Outstanding Engineer Award, Junior Military

Capt. Melvin Baylon, 730th ACSG, Air Force Outstanding Engineer Award, Mid-Career Military
Lt. Col. Brian D. Raduenz, Det. 3, Predator Systems Squadron, Air Force Outstanding Engineer Award, Senior Military

Team Awards

The Air Force Science & Engineering Team Award (Advanced Tech Development) went to the Air Force Technology Applications Center Nuclear Detection Team: Capt. Ty Miller, 1st Lt. Joseph Dratz, Doris Bruner, John Lucas, Kevin Muhs, Dr. William Johnson, Evan Nitz, George Gonzales, Jonathan Barrett, Brett Mapston, Frank Sornatale, Dr. P. Anil Rao, Craig Sloan, Capt. Robert Evans, Brian Strahl, Scott Smith, and Marvin Owen.

The Air Force Outstanding Scientist Award for a team went to the B-52 Fischer-Tropsch team at AFRL: Willam Harrison III, Dr. Tim Edwards, John Datko, Edwin Corporan, Robert Morris Jr., Donald Minus, Robert Allen, Capt. Tammy Low, 1st Lt. Jeremiah Miller, 1st Lt. Grant Parker, Dr. Vincent Belovich, Matthew Wagner, Dean Brigalli, Alan Fletcher, Joseph Leone, and Omar Mendoza.

The Air Force Outstanding Engineer Award for a team was awarded to the 53rd Electronic Warfare Groups' F-16/A-10 Mission Data Team: Maj. Andrew Proud, James Hurst, Perry Wilson, Chris Erk, Angel Ramos, Richard Evans, Sandy Rehr, Felix Blair, Truong Nguyen, Si Nguyen, Wil Loosen, Keith Broyles, Joelle Tintle, Dale Bradley, John Evert, Blas Gutierrez, Michael Minton, Sharon Conley, 1st Lt. Craig Labrecque, 1st Lt. Chun-te Chiang, Tod Gliesche, John Moats, Technical Sgt. Kevin Hopkins, Technical Sgt. Matthew Duncan, Technical Sgt. Daniel Davis, and Staff Sgt. Steven Burchett.

Imada is with U.S. Air Force Academy Research Directorate.

ARMY NEWS SERVICE (OCT. 16, 2007)
ARMY EARNS 12 SHINGO AWARDS

Walter Montano

WASHINGTON—Army Materiel Command received 12 Shingo Public Sector Awards Oct. 11 for using Lean manufacturing practices.

The Shingo, considered the "Nobel Prize for Manufacturing," recognized various Army depots who manufacture, repair, overhaul, and maintain warfighter equipment.

The Army earned triple the Shingo prizes in 2007 than last year's four.

Gen. Benjamin S. Griffin, AMC commander, said this increase "recognizes the men and women … our workforce responsible for improvements. … [This] is an affirmation of the best business practices we have integrated into the Army's industrial base."

The awards were presented during the 3rd Annual Public Sector Shingo Prize ceremony in Arlington, Va.

Established in 1988, the Shingo Public Sector Awards for Excellence in Manufacturing and Achievement, is administered by Utah State University and is considered the "Nobel Prize" for manufacturing.

The Army earned awards this year in all three categories: Gold, Silver, and Bronze.

The achievement exemplifies the AMC commitment to readying the Army for the challenges of the 21st century, according to Griffin. He said a more efficient, cost-effective, and productive Army will have more of an impact and will help warfighters maintain Army readiness.

"I am extremely proud of AMC's efforts to provide warfighters with equipment much faster, better quality, and at a lower cost," Griffin said. "This three-fold increase in awards also recognizes the men and women in our outstanding workforce who are directly responsible for these improvements. … [These] awards are an affirmation of the best business practices we have integrated into the Army's industrial base."

Recognizing his own leadership in guiding the Army toward the challenges of a new century while improving the manner in which the Army does business across depots everywhere in the continental United States, Griffin himself was awarded with Shingo Hall of Fame status. He was honored in a Pentagon ceremony at the Hall of Heroes Oct. 11.

2007 Shingo Gold Medal Winners

Recipients of the 2007 Shingo Gold medal winners include Tobyhanna Army Depot in Pennsylvania; the Joint Manufacturing & Technology Center at Rock Island, Ill.; and the Red River Army Depot in Texas.

Tobyhanna is being honored for its work on the AN/TPQ-36 Firefinder Antenna, increasing production and reducing repair cycle times. Rock Island Arsenal is being recognized for resolving safety and ergonomic issues related to its Forward Repair System, while also increas-

ing monthly production of FRS units. Red River, meanwhile, has exponentially increased its Humvee production while also achieving a significant cost avoidance of almost $4 million.

2007 Shingo Silver Medal Winners

The 2007 Silver recipients are Letterkenny Army Depot in south central Pennsylvania, Anniston Army Depot in south central Alabama, and two additional Silver awards earned by Red River.

Letterkenny's efforts in Humvee recapping increased production and lowered the cost of the repair process.

Anniston's Field Artillery Ammunition Supply Vehicle, or FAASV production increased total units by 41 percent and significantly reduced cycle time.

In winning two Silvers, Red River was recognized for its output increase of the Heavy Expanded Mobility Tactical Truck, known as HEMTT, and the Bradley Fighting Vehicle-Power train, which reduced labor hours and expanded output.

2007 Shingo Bronze Medal Winners

Those awarded the Bronze this year are the Aviation and Missile Command at Fort Rucker in Alabama, Letterkenny, Corpus Christi Army Depot in Texas, and Anniston.

Fort Rucker's AMCOM specifically worked on saving costs and reducing the cycle time of the C20J Engine Line TH-57 Sea Ranger helicopter.

Letterkenny's power-generator maintenance operations have been recognized for their ability to increase output at a lower cost.

Corpus Christi's project on the HH-60 Pavehawk helicopter reduced labor hours and achieved a cost avoidance of $287,000. Lastly, Anniston's AGT 1500 Turbine engine (found in tanks) operation is being lauded this year for a number of milestones, including a 100 percent on-time delivery.

"[These] awards acknowledge AMC as a viable partner in lean manufacturing processes and procedures," said Griffin.

AIR FORCE PRINT NEWS (OCT. 16, 2007)
AFMC HELPS DEVELOP HYBRID TRUCK TECHNOLOGY

Amanda Creel

ROBINS AIR FORCE BASE, Ga.—When it comes to heavy-duty, special purpose vehicles, some Americans may imagine a gas-guzzling engine and tons of unfriendly emissions taking their toll on the environment.

But the Air Force's Advanced Power Technology Office, or APTO, is working to change the stereotype and prove heavy-duty hybrid electric vehicles cannot only help preserve the environment, but also can help reduce dependence on foreign fuels.

"Heavy-duty vehicles are the greatest consumers of fuel and also the greatest polluters," said Harvey Collier, program manager for the heavy-duty hybrid electric program. "If we can get heavy-duty vehicles to reduce fuel consumption and reduce pollutants, that will be a great accomplishment for the Air Force."

The program is a combined effort between the 580th Combat Sustainment Squadron and Mack Trucks Inc.

One of the vehicles developed through this partnership was recently displayed at the Hybrid Truck User Forum in Seattle.

Currently located at Nellis Air Force Base, Nev., the vehicle, a dump truck, was built for the Air Force's APTO. It has a Mack hybrid electric powertrain.

The hybrid dump truck features an integrated starter, alternator, and motor referred to collectively as an electric machine. The electric machine assists the Mack MP7 diesel engine in providing torque to the wheels and regenerates energy during braking. This energy, stored in ultracapacitors, is then used in place of diesel fuel. This technology provides the best result on routes with frequent braking and accelerations, particularly refuse collection and urban delivery, as well as certain construction applications.

Along with the hybrid at Nellis AFB, the program will utilize five other heavy-duty hybrid vehicles. Two other vehicles have already been deployed to various bases throughout the Air Force. Shaw AFB, S.C., is home to an R-11 refueler, and Hickam AFB, Hawaii, has a dump truck. In 2008, three additional hybrid trucks will be

delivered to Edwards AFB, Calif.; Nellis AFB; and Robins AFB.

The truck scheduled to arrive at Robins will help collect data on the success of the vehicle in a real-time environment. The data collection will be done through an agreement with the City of Macon, Ga., and in partnership with the Middle Georgia Clean Cities Coalition.

"It will actually be on the streets of Macon doing refuse collection, just like any of their other trucks," Collier said. "We will test to see how it performs and what the savings are in comparison to a traditional refuse truck."

The truck will be in Macon for one year to demonstrate its capabilities and then will move to other locations to repeat the process, said Mike Mead, APTO office chief.

The APTO office works to apply the greener technology to all the different platforms used by the Air Force to achieve its mission, Mead said.

He said the heavy-duty hybrid program is one they use to help them achieve their goals of increasing capabilities and benefits to the warfighter, while supporting the Air Force's environmental and energy policy requirements and reducing dependency on foreign energy sources with the insertion of advanced power technology.

The development of the prototypes and the application of the technology in various venues are done to prove the value of the technology in different applications, Mead said.

Hybrid truck technology is in place at some Air Force installations thanks in part to the efforts of the Advanced Power Technology Office at Robins Air Force Base, Ga.
U.S. Air Force photograph

By allowing the warfighter to test the reliability and advantages of hybrid technology, the pair agreed it allows the user to develop a desire to continue using the new technology.

"Right now, these are just prototypes. As commercialization takes place, price will come down where we could have them all over the Air Force with a potential for all sorts of savings in fuel," Collier said.

Ernie Powell, APTO engineer, said the program will allow the Air Force to utilize advanced power technology and alternative fuels. It will also assist and encourage private industry to continue developing and increasing the reliability of the hybrids.

Creel writes for 78th Air Base Wing Public Affairs.

NAVY NEWSSTAND (OCT. 26, 2007)

NAVY TEAMS HONORED FOR OUTSTANDING ENERGY MANAGEMENT

Naval Facilities Engineering Command Public Affairs

WASHINGTON—Eight Navy and Marine Corps activities, ships, and squadrons were honored Oct. 24 with the 2007 Secretary of the Navy (SECNAV) award for outstanding performance in energy and water management in a ceremony held at the U.S. Navy Memorial & Naval Heritage Center in Washington.

"The winners today have all made remarkable improvements in their energy and water management," said Wayne Arny, deputy assistant secretary of the Navy for installations and facilities. "We are on the right path but still need to double our investment to achieve aggressive energy goals that are critical to our nation's security."

The SECNAV Energy Awards were established to recognize outstanding commitment to energy and water conservation by Navy and Marine Corps activities and ships. Each year, the SECNAV Awards are presented to those ships and activities that have made notable progress toward achievement of Department of the Navy and federal goals for the reduction of energy and water consumption.

The winners are:

Naval Station Newport–Navy Large Shore Category: Naval Station Newport reduced energy usage by 28 percent from its fiscal year 2003 baseline through the execution of a well-rounded energy efficiency program. Newport completed a $15 million utility energy services contract that is saving $1.5 million a year, and initiated a $15 million energy savings performance contract that will save a $1.4 million once completed.

Naval Base Kitsap Bremerton–Navy Small Shore Category: Naval Base Kitsap, Bremerton, achieved a 9 percent reduction in energy usage from its fiscal year 2003 baseline by implementing a $1 million utility energy services contract to upgrade a circa-1990 EMCS. An innovative utility energy services contract project to recover heat from their steam plant stack gas, and return that heat to their boiler, and an energy conservation investment program project to upgrade their boiler plant and condensate return system provide combined savings of more than $1 million.

Marine Corps Base Camp Pendleton–Marine Corps Large Shore Category: Marine Corps Base, Camp Pendleton, has reduced overall energy consumption by 11.6 percent from its fiscal year 2003 baseline. Utility energy services contract projects, valued at $13.4 million in energy efficiency improvements, will include installing daylighting in warehouse facilities, replacing several high-intensity discharge fixtures with high-output fluorescent fixtures, installing photovoltaic streetlights, and geothermal heat pumps.

Marine Corps Air Station Miramar–Marine Corps Small Shore Category: Marine Corps Air Station Miramar achieved a 2 percent reduction in energy usage from its fiscal year 2003 baseline. MCAS Miramar completed an energy savings performance contract that installed daylighting, replaced several high-intensity discharge fixtures with high-output fluorescent fixtures, and installed card readers in the bachelor quarters to deactivate the heating ventilation air conditioning (HVAC) units after the tenant leaves the room.

Naval Undersea Warfare Center Keyport–Industrial Category: NAVSEA Naval Undersea Warfare Center Keyport achieved a 5 percent reduction in energy usage from its fiscal year 2003 baseline, and successfully executed numerous projects that will result in various facility improvements and avoid approximately $500,000 annually.

***USS Bonhomme Richard* (LHD 6)–Large Ship Category:** *USS Bonhomme Richard* saved more 30,721 barrels ($3,256,000) of fuel in fiscal year 2006, compared to the LHD 1 class average fuel usage, by implementing conservation measures that improved efficiency rates, both in port and underway.

***USS Philippine Sea* (CG 58)–Small Ship Category**: *USS Philippine Sea* saved 30,893 barrels of fuel in fiscal year 2006 through special attention to energy efficiency strategies and techniques and training. *Philippine Sea* plans underway operational and navigational requirements, reviews the climate of intended locations, and exercises a strict Preventive Maintenance System (PMS) program. These activities resulted in cost savings of $3,280,000.

Training Squadron FOUR (VT 4)–Squadron Category: Training Squadron FOUR decreased fiscal year 2006 energy- related asset use by an impressive 12 percent from the previous year through innovative and meticulous planning, heightened awareness, and a commitment to effective energy management. A total savings of $1.5 million was attributed to increased production, decreased resource use, reduced flying hours, and reduction in hours allocated per sortie.

On Jan. 24, 2007, President George W. Bush signed Executive Order 13423, "Strengthening Federal Environmental, Energy, and Transportation Management." The order sets goals in the areas of energy efficiency, acquisition, renewable energy, toxics reductions, recycling, renewable energy, sustainable buildings, electronics stewardship, fleets, and water conservation.

The Department of the Navy's worldwide energy program currently is exceeding the Energy Policy Act goals. The program, managed by Naval Facilities Engineering Command, includes state-of-the-art technology and design, uses the most energy-efficient products, and focuses on improving individual energy efficiency and operations and maintenance strategies that significantly reduce energy and water consumption by Navy and Marine Corps installations worldwide, saving taxpayers more than $400 million (inflation adjusted) each year.

For more information, visit the Department of Navy's Energy Program at <https://energy.navy.mil>.