



## Acquisition & Logistics Excellence

AIR FORCE MATERIEL COMMAND NEWS SERVICE (SEPT. 19, 2005)

### WORKERS BEHIND SHINGO GOLD

Lanorris Askew

**R**OBINS AIR FORCE BASE, Ga.—When the Lean journey began for the Warner Robins Air Logistics Center, few put much stock in where it would lead. Nearly four years later it has become a layman's term synonymous with success and, most recently, excellence in manufacturing.

Last week Maj. Gen. Mike Collings, center commander, announced to the C-5 Programmed Depot Maintenance workforce their hard work had paid off in their bid for the much coveted Shingo Prize. The center became one of the first-ever public industries to receive the prestigious Shingo Prize for Excellence in Manufacturing and the first government industry to receive the gold level honor.

The Shingo Prize was established in 1988, and promotes Lean manufacturing concept awareness and recognizes companies that achieve world-class manufacturing status. It was opened to the public sector for the first time this year with four levels of recognition: platinum, gold, silver, and bronze.

Greg Beecher, 402nd Aircraft Maintenance Group Lean change manager, attributes the win to the hard work of the mechanics.

"The mechanics' acceptance of Lean and their help implementing it has been the backbone of our success. This is an entire team award," he said. "The mechanics and supervisors, the 402nd Commodities Maintenance Group, Maintenance Support Group, and other areas on base from engineering to personnel to environmental all helped in winning this award."

Beecher said the C-5 area was chosen by the center commander's executive council because of the maturity of its Lean program and because it shows the breadth of Lean at Robins.

Some of the key accomplishments listed in the 100-page achievement report submitted to the Shingo Prize committee earlier this year included 100 percent on-time delivery in fiscal 2004, up from only 25 percent in fiscal

2001, and an average flow day reduction from 339 in fiscal 2001 to 234 in 2004.

While the entire team is proud of the accomplishment, Beecher said they won't rest on their laurels.

"Lean isn't a destination, it's a journey," he said. "We won gold, but there's still platinum out there. While it's humbling for our peers to recognize us, we know there's still work to do."

DeDe Stone, 402nd MXW Process Improvement Section chief, said the only way to follow this performance is by continuing to implement and sustain the process improvements. "They've worked extremely hard to improve their processes and to make the C-5 a world-class organization," she said. "There were many months and many long hours involved with the preparation of the package and in preparation for the site visit. I was pleasantly surprised because it was the first year for this award, and we didn't know what to expect."

The Shingo Prize is named in honor of the late Dr. Shigeo Shingo who helped create, train, and write about many aspects of the renowned Toyota Production System and related production systems.

*Askew is with the 78th Air Base Wing Public Affairs, Robins AFB, Ga.*

### U.S. ARMY ACQUISITION SUPPORT CENTER PRESS RELEASE (OCT. 2, 2005) 2005 ARMY ACQUISITION CORPS AWARDS CEREMONY RECOGNIZES ACQUISITION STARS

**A**RLINGTON, Va.—The acquisition community held its 2005 Army Acquisition Corps (AAC) Annual Awards Ceremony here Oct. 2, 2005, at the Crystal City Gateway Marriott. 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 uniformed 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.



## Acquisition & Logistics Excellence

“Tonight we honor some of the outstanding men and women—military and civilian—of the Army Acquisition Corps and the greater Army acquisition, logistics and technology workforce,” remarked Army Acquisition Executive and Assistant Secretary of the Army for Acquisition, Logistics and Technology (ASAALT) Claude M. Bolton Jr., who hosted the event. “As a community, we are facing some of our greatest challenges. We are serving a nation at war and a military force that is transforming while fighting. It is clear that we have charted the right course—increasing capability, flexibility, and sustainability—and that we must maintain the tremendous momentum we have built. With great challenges come great opportunities for success.

“Our courageous men and women in uniform display unrelenting tenacity, steadfast purpose, quiet confidence, and selfless heroism,” Bolton observed. “Let us continue to work hard and work together to ensure their decisive victory and safe return. They face threats that change—quite literally—overnight, and their success in meeting these challenges rests squarely on our collective shoulders.”

U.S. Army Acquisition Support Center Director Craig A. Spisak presided over the event as Master of Ceremonies. Other Army and defense acquisition senior leaders present were Dean G. Popp, principal deputy to the ASAALT and director for Iraq Reconstruction and Program Management; Lt. Gen. Joseph L. Yakovac, military deputy to the ASAALT and director, Acquisition Career Management; Dr. Nancy Spruill, director, Acquisition Resources and Analysis, Office of the Under Secretary of Defense for Acquisition, Technology and Logistics; Tina Ballard, deputy assistant secretary of the Army for Policy and Procurement; Wimpy D. Pybus, deputy assistant secretary of the Army for Integrated Logistics Support; Dr. Thomas H. Killion, deputy assistant secretary for Research and Technology and Chief Scientist; and former military deputy to the ASAALT, retired Army Lt. Gen. John S. Caldwell.

The evening’s presentations included the Secretary of the Army Excellence in Contracting Awards; Life Cycle Logistician of the Year Award; Army Research and Development Laboratory of the Year Awards; the Secretary of the Army Awards for Acquisition Commander, Project and Product Managers of the Year; and the Army Acquisition Excellence Awards.

“The United States Armed Forces are the world’s most powerful, most capable, and most respected military

force,” Bolton exclaimed. “It is a legacy that we inherited, and one that we must protect. Tonight, we will recognize those among us who are the best and the brightest, but in the world’s best Army—America’s Army—we are all winners.”

### SECRETARY OF THE ARMY EXCELLENCE IN CONTRACTING AWARDS FOR FISCAL YEAR 2004

**Outstanding Contracting Officer (Civilian) at Installation-Level Center**—Beth A. Mendell, U.S. Army Contracting Agency (ACA) Northern Region

**Outstanding Contracting Officer (Civilian) at Installation-Level Satellite**—Mary Pat Shanahan, ACA Northern Region

**Outstanding Contracting Officer (Civilian) in Specialized Contracting**—Matthew J. Franzen, U.S. Army Tank-automotive and Armaments Command (TACOM) Life Cycle Management Command (LCMC)

**Outstanding Contracting Officer (Civilian) in Systems Contracting**—Pamela A. Demeulenaere, U.S. Army TACOM LCMC

**Outstanding Contracting Officer (Military) at Installation-Level Center**—Master Sgt. Christopher W. Chapple, ACA Southern Region

**Outstanding Contracting Officer (Military) in Contingency Contracting**—Maj. Robert W. Shelton, ACA Northern Region

**Professionalism in Contracting (Civilian)**—Wendy J. McCutcheon, U.S. Army Communications-Electronics LCMC

**Professionalism in Contracting (Military)**—Col. Scott O. Risser, ACA Headquarters

**Unit/Team for Installation-Level Contracting Center**—Anniston Army Depot Directorate of Contracting, U.S. Army TACOM LCMC

**Unit/Team for Installation**—Level Contracting Satellite—Fort Campbell Directorate of Contracting, ACA Southern Region

**Unit/Team for Specialized Contracting**—ACA Pacific Region

**Unit/Team for Systems Contracting**—  
▪ Stryker Brigade Combat Team, U.S. Army TACOM LCMC  
▪ Future Combat Systems Team, U.S. Army TACOM LCMC

**Exceptional Support of the Javits-Wagner-O’Day Act Program**—Mark Lumer, U.S. Army Space and Missile Defense Command



## Acquisition & Logistics Excellence

### LIFE CYCLE LOGISTICIAN OF THE YEAR AWARD

**David W. Manning**, Program Executive Office (PEO) Simulation, Training and Instrumentation

### ARMY RESEARCH AND DEVELOPMENT LABORATORY OF THE YEAR AWARDS

**Large Research Laboratory of the Year**—U.S. Army Engineer Research and Development Center

**Large Development Laboratory of the Year**—U.S. Army Aviation and Missile Research, Development and Engineering Center

**Small Development Laboratory of the Year**—U.S. Army Natick Soldier Center

**Collaboration Team of the Year**—

- The U.S. Army Research Laboratory and the U.S. Army Armament Research, Development and Engineering Center collaborated on the “Barrel Reshaping Initiative” for the M1 Abrams Main Battle Tank.
- The U.S. Army Natick Soldier Center; the U.S. Army Tank Automotive Research, Development and Engineering Center; and the U.S. Army Research Institute of Environmental Medicine collaborated on the “Cool the Force” Vehicle Mounted Personal Cooling Program designed to alleviate soldier heat stress in tactical vehicles.

### SECRETARY OF THE ARMY AWARDS FOR ACQUISITION COMMANDER, PROJECT AND PRODUCT MANAGERS OF THE YEAR

**2005 Acquisition Commander of the Year (Colonel Level)**

- Col. Victoria H. Diego-Allard, U.S. Army Contracting Command-Europe
- Col. Stephen D. Kreider, U.S. Army Yuma Proving Ground, Army Test and Evaluation Command

**2005 Acquisition Commander of the Year (Lieutenant Colonel Level)**

- Lt. Col. Robert W. Schumitz, XVIII Airborne Corps Contracting Command
- Lt. Col. Shane Dietrich, Yuma Test Center

**Project Manager of the Year**

- Col. William Crosby, Cargo Helicopters, PEO Aviation
- Robert F. Golden, Tactical Radio Communications Systems, PEO Command, Control and Communications Tactical (C3T)
- Col. Camille Nichols, PM Guardian, Joint PEO Chemical and Biological Defense

**Product Manager of the Year**

Lt. Col. Michael Van Rassen, PM Air Missile Defense Command and Control Systems, PEO C3T

### ARMY ACQUISITION EXCELLENCE AWARDS

**Equipping and Sustaining our Soldiers Individual Award**—Gloria M. Martinez, Gulf Region Central District, Pacific Ocean Division, U.S. Army Corps of Engineers

**Equipping and Sustaining our Soldiers Team Award**—The following three teams were selected for their contributions for defeating improvised explosive devices (IEDs) and developing counteractive measures for repelling IED attacks.

- U.S. Army Special Operations Command Team
- Electronics Counter Measure Device Team from PEO Intelligence, Electronic Warfare and Sensors
- IED Counter Measure Equipment Team, U.S. Army Research, Development and Engineering Command

**Information Enabled Army Individual Award**—Maj. Michael Devine, PEO Enterprise Information Systems (EIS)

**Information Enabled Army Team Award**—Product Manager Joint-Automatic Identification Technology Team, PEO EIS

**Transforming the Way We Do Business Individual Award**—Sharon H. Butler, Huntsville Center, U.S. Army Corps of Engineers

**Transforming the Way We Do Business Team Award**—Regional Contracting Office, Hawaii, ACA

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### AMERICAN FORCES PRESS SERVICE (OCT. 7, 2005)

#### HISPANIC AMERICAN CLIMBS TO TOP OF DOD SUCCESS LADDER

*Rudi Williams*

**W**ASHINGTON—Alan F. Estevez never dreamed the low-level civil-service job in Bayonne, N.J., that he accepted shortly after college would lead to the high-level, important position he holds today.

Now assistant deputy under secretary of defense for supply-chain integration, Estevez is responsible for managing the Defense Department’s global supply chains and transforming supply-management processes.

Estevez’s trek into government service began after graduating from Rutgers University, in New Brunswick, N.J., in 1979 with a bachelor of arts degree in political science. “I bounced around for awhile loading trucks and kind of deciding what I wanted to do,” said the native of North Arlington, N.J., where his father taught Spanish



Alan F. Estevez, assistant deputy under secretary of defense for supply-chain integration, speaks Sept. 28 after being presented the 2005 National Security medal, part of the Service to America Medals program, which recognizes excellence in government service.

Photograph by Sam Kittner.

for 25 years after retiring from the Army as an infantry lieutenant colonel.

Based on the results of his civil-service exam, Estevez was hired as an intern by the former Military Traffic Management Command, in Bayonne, which is now the Surface Deployment and Distribution Command. He started at an entry-level pay grade and decided he liked the work.

On Sept. 28, Estevez received the 2005 National Security medal in recognition of his implementation of radio frequency identification for use in military logistics. RFID uses radio

waves to automatically identify and track people or objects. In the logistics chain, it allows for real-time tracking of shipments around the world.

The award is part of the "Service to America Medals" program co-sponsored by the Atlantic Media Company, which publishes several government-related periodicals. The awards program pays tribute to America's federal workforce, highlighting civil servants who have made significant contributions to the country. Estevez was cited for his work in developing policies and processes to ensure that the vast quantities of food, fuel, medicine, clothing, munitions, and weapons parts needed to sustain globally deployed U.S. forces are available to them, the award citation stated.

In addition to implementing RFID, Estevez was instrumental in developing and deploying a worldwide RFID infrastructure called the "in-transit visibility network," which significantly improved the tracking of military supplies. Estevez helped put the latest technology being used by the private sector to use for the armed forces. The result of his work is a more effective and more efficient fighting force, the award citation stated.

## AMERICAN FORCES PRESS SERVICE (OCT. 8, 2005)

### ADMIRAL EARNS EXECUTIVE EXCELLENCE AWARD FROM HISPANIC ENGINEERS

Rudi Williams

**A**NAHEIM, Calif.—The commander of the Naval Safety Center was recognized here Oct. 7 as one of the nation's best and brightest engineers and scientists during the 17th Annual Hispanic Engineers National Achievement Awards Conference. Navy Rear Adm.



Navy Rear Adm. George E. Mayer encourages the youth of America, especially Hispanic youth, to seize every educational opportunity offered them. Mayer was presented the military executive excellence award during the 17th Annual Hispanic Engineers National Achievement Awards Conference in Anaheim, Calif., Oct. 7.

Photograph by Rudi Williams.



George E. Mayer received the program's military executive excellence award.

With the theme of "A Future Powered by Imagination," the four-day conference recognized the outstanding accomplishments of Hispanic professionals in the fields of engineering, science, technology, and mathematics. The conference brought universities, corporations, the military and all levels of government together to celebrate excellence within the Hispanic community.

"While growing up in Puerto Rico in the 1960s, I wasn't sure of what I would do as I got older," said Mayer, one of only two Hispanic flag officers in the Navy. "My family took me to the airport in San Juan, and my father worked there. The sight of the aircraft taking off and landing every day captured my imagination."

He said that powered his desire to do something that at the time seemed only a distant dream. "My father recognized my dreams and told me if I wanted to be a pilot, I should fly with the best—the U.S. Navy," the admiral said. "I was told that to become a Navy pilot would take hard work and dedication. But a quick trip to the Naval Academy was all I needed. I was sold on the Navy and naval aviation. And 30 years later, I'm fortunate to have fulfilled those dreams.

"In this country, we have all been given the gift of freedom, and with that gift comes opportunity," said he continued. "In America, the opportunity to succeed is always there."

Saying he would be remiss if he didn't recognize those who have made the opportunities possible, Mayer thanked "the Hispanic American men and women who have come before us, and more specifically, the men and women serving in the armed forces today. Without them none of us would have the opportunities to succeed and to live free as we do." The admiral dedicated his award to them, "especially to those who have made the ultimate sacrifice so that all of us can be free," he said.

Mayer thanked HENAAC for honoring him and the Navy for nominating him for the award. "I am fortunate to have spent over 30 years working for the U.S. Navy, an organization that recognizes and values diversity, provides us ample educational opportunities, and rewards hard work and dedication," he said.

After graduating from the U.S. Naval Academy in 1975, he pursued additional academic instruction in aerodynamic principles and flight tactics to achieve his dream of becoming a jet pilot. Today, Mayer is qualified in two high-performance jet aircraft, with more than 4,000 flight hours and more than 1,000 carrier landings. He was first qualified in the A-7 Corsair aircraft and later qualified in the F-18 Hornet, the nation's first strike-fighter.

"I am proud to be an American and to live in a country that thrives on diversity and offer its citizens unlimited opportunities to succeed," said Mayer, who holds a bachelor's degree in political science and a master's degree in national security and strategic studies.

"I encourage the youth of America, especially our Hispanic youth, to seize every educational opportunity that is offered to them, especially in the technical and engineering fields, as they are pathways to a future," the admiral said.

### AMERICAN FORCES PRESS SERVICE (OCT. 8, 2005)

### AIR FORCE CAPTAIN NAMED MOST PROMISING MILITARY ENGINEER

*Rudi Williams*

**A**NAHEIM, Calif., Oct. 8, 2005—An officer assigned to Los Angeles Air Force Base, Calif., was named this year's most promising military engineer at the Hispanic Engineer National Achievement Awards Conference here Oct. 7.

Air Force Capt. Eduardo D. Aguilar received the honor at the annual conference's awards show. HENAAC's mission is to enlighten the nation about the achievements of Hispanics in en-

Air Force Capt. Eduardo D. Aguilar said he's proud to have worked in programs that support the troops and help to defend the country. He was named most promising military engineer at the Hispanic Engineer National Achievement Awards Conference in Anaheim, Calif., Oct. 7.

Photograph by Rudi Williams.





gineering, science, technology, and math, conference officials said. The conference also strives to motivate and educate more students to pursue careers in these fields, and to increase the role the Hispanic community plays in maintaining America's status as the world's technology leader, officials added.

"Eduardo Aguilar began his career in the U.S. Air Force in 1999 with enough energy to launch a rocket," said Air Force Brig. Gen. William N. McCasland, vice commander of the Space and Missile Systems Center at Los Angeles Air Force Base. "Soon the young aeronautical engineer was, in fact, launching rockets carrying payloads that affected everything from our nation's national security to international humanitarian relief operations."

The general said Aguilar excelled as a test engineer, leading to a special three-month assignment at the NASA Dryden Flight Research Center at Edwards Air Force Base, Calif. There he worked on the joint NASA-Air Force F/A-18A active aeroelastic wing research program. His responsibilities included ground test data monitoring, test data reduction and verifying test data accuracy. "His significant contributions were credited with preventing schedule delays that would have cost over a half million dollars," McCasland said.

Promoted to captain in 2002, Aguilar was assigned to the Directorate of Launch Programs at the Space and Missile Systems Center. "He served as the lead Titan avionics and electrical engineer for all Titan IV, Centaur, and Titan II launch vehicle avionics and battery hardware," McCasland said. "His ability to meet the level of perfection that these systems required led to the flawless performance on five critical space launches."

Aguilar is now chief of the 50-member Block IIF space integration team for the Global Positioning System. Block IIF satellites are the next generation of GPS space vehicles. Improvements include an extended design life of 12 years, faster processors with more memory, and a new civil signal on a third frequency. The first Block IIF satellite is scheduled to launch in 2007.

Accepting his award, Aguilar said each path one takes in life leads to challenges, but the path that leads to success will always be the most difficult.

"My education always remained my priority," he said. "I'm very proud that I've worked in programs that support our troops and help to defend our country."

Aguilar is a frequent participant in the outreach program of the Society of Hispanic Professional Engineers of Greater Los Angeles. "As a proud Mexican-American," he said, "I enjoy working with our Hispanic youth to share my enthusiasm for rocketry and satellites."

### DEPARTMENT OF DEFENSE NEWS RELEASE (OCT. 20, 2005)

#### DOD PRESENTS 2004 FUBINI AWARD

**A**cting Deputy Secretary of Defense and Secretary of the Navy Gordon England presented the Eugene G. Fubini Award for 2004 to Craig I. Fields, the chairman of the Defense Science Board and former director of the Defense Advanced Research Projects Agency (DARPA).

The Fubini Award was established in 1996 by then Secretary of Defense William Perry to recognize annually an individual from the private sector, who has made highly significant contributions to the Department of Defense. The award is named after the late Eugene G. Fubini, a long-time advisor to DoD and the first recipient of the award.

In presenting the award, England said of Fields, "We've been fortunate to have his precision, his wisdom, his counsel, his vision, and his gift for making the complex seem simple these many years."

Fields received his bachelor's degree from the Massachusetts Institute of Technology in 1966 and his doctorate from Rockefeller University in 1970. After serving on the faculty of Harvard University, he joined DARPA, which performs high-risk, high-impact research in computers and communications, semiconductors and materials, manufacturing technology, aeronautics and astronautics, and weapons system technology.

Fields was awarded the President's Distinguished Executive Rank Award for outstanding service in 1988, and the President's Meritorious Executive Rank Award in 1990. He was elected a fellow of the American Association for the Advancement of Science. In 1992, he received the IEEE Award for Distinguished Contributions to Public Service. He is a principal of the Council for Excellence in Government, a member of the Council on Foreign Relations, and a member of the Council on Competitiveness.

Fields also serves on the Science and Technology Advisory Panel, supporting the Director of Central Intelli-



gence; the U.S. Advisory Council on the National Information Infrastructure; and the US-Israel Science and Technology Commission. He is on the advisory boards of SRI International, United Technologies Corp., and the Economic Strategy Institute. He is a member of the Carnegie-Mellon University Department of Computer Science; the UCLA Graduate School of Education and Information Studies; and the Massachusetts Institute of Technology School of Architecture.

### DEPARTMENT OF DEFENSE NEWS RELEASE (OCT. 27, 2005) 2005 PHOENIX AWARD WINNER ANNOUNCED

**T**he Department of Defense announced today that the 3rd Battalion, 7th Field Artillery (Light), 25th Infantry Division (Light), is the 2005 winner of the Phoenix Trophy, DoD's highest award for field-level maintenance of weapon systems and equipment. The award was presented at the Secretary of Defense Awards Banquet held in conjunction with the 2005 DoD Maintenance Symposium and Exhibition in Birmingham, Ala. Jack Bell, deputy under secretary of defense for logistics and materiel readiness, and Dave Pauling, assistant deputy under secretary of defense for maintenance policy, programs and resources, presented the award on behalf of Secretary of Defense Donald H. Rumsfeld.

The 2005 Phoenix Trophy recognized the 3rd Battalion for successfully balancing maintenance, readiness, and operation requirements during the past year while being deployed for exercises and missions throughout the Pacific Command's area of responsibility and the continental United States, and to Afghanistan in support of Operation Enduring Freedom. Throughout these various training and combat missions, the "Never Broken" battalion maintained more than 4,300 pieces of equipment while logging more than 95,000 miles, delivering 8,000 rounds of artillery and mortar fire in training and combat while simultaneously maintaining an operational equipment readiness rate of 97 percent.

Also receiving Secretary of Defense Maintenance Awards in recognition of outstanding achievements in field-level military equipment and weapon system maintenance by organizations of the Military Departments were:

**SMALL CATEGORY:** Aircraft Intermediate Maintenance Detachment (AIMD), Naval Air Station/Joint Reserve Base New Orleans, New Orleans, La., U.S. Navy; and 31st Maintenance Operations Squadron (31 MOS), 31st Fighter

Wing, Aviano Air Base, Italy, U.S. Air Force. **MEDIUM CATEGORY:** 428th Transportation Company, Jefferson City, Mo., U.S. Army; and Combat Service Support Battalion 12 (1st Maint Bn), Camp Pendleton, Calif., U.S. Marine Corps. **LARGE CATEGORY:** 3d Battalion, 7th Field Artillery Regiment, Schofield Barracks, Hawaii, U.S. Army; and USS George Washington (CVN 73), Naval Station Norfolk, Va., U.S. Navy

### 2005 DISTANCE LEARNING AWARDS PRESENTED

**O**n Oct. 17, 2005, The United States Distance Learning Association <<http://www.usdla.org/USDLA>> presented its 2005 Distance Learning Awards at the Fall Training and Online Learning Conference and Expo in Long Beach, Calif. The Defense Acquisition University won awards in the following categories:

- 21st Century Best Practices Award for Distance Learning (Gold Award—DAU PLM)
- Excellence in Programming (Gold Award—Bob Faulk and the Continuous Learning Team)
- Excellence in Teaching (Silver Award—David C. Bachman)

The annual awards program acknowledges major accomplishments in distance learning and highlights instructors, programs, and distance learning professionals who have distinguished themselves.

### DEIDRE LEE RECOGNIZED WITH 2005 PRESIDENTIAL RANK AWARD

**O**n Oct. 20, 2005, the White House honored 278 outstanding federal executives with the Presidential Rank Awards the government's highest award for civil servants.

Deidre A. Lee, the Federal Acquisition Service assistant commissioner for Integrated Technology Services and former director of Defense Procurement and Acquisition Policy was honored as a Distinguished Executive for 2005.



The Presidential Rank Awards are presented annually to recognize and celebrate a small group of career senior executives for exceptional long-term accomplishments.



Winners of this prestigious award are strong leaders, professionals, and scientists who achieve results and consistently demonstrate strength, integrity, industry, and a relentless commitment to excellence in public service.

The Distinguished Executive Award is given for sustained extraordinary accomplishments and is limited to 1 percent of the career senior executive service, defense intelligence senior executive service, or senior-level scientific or professional government-wide population.

### ARMY NEWS SERVICE (OCT. 27, 2005) ORDNANCE DETECTION HELPS ARMY LAB EARN TOP AWARD

**V**ICKSBURG, Miss.—New technology to help soldiers find and clean up unexploded ordnance helped win this year's Army Research Laboratory of the Year Award. The U.S. Army Engineer Research and Development Center in Vicksburg, Miss., received the award Oct. 2. Claude M. Bolton Jr., assistant secretary of the Army for acquisition, logistics and technology, presented the award to Dr. James R. Houston, ERDC director, at the Army Acquisition Corps' annual awards ceremony in Arlington, Va.

### ERDC developed several new systems

ERDC was cited for several technical accomplishments in the detection of unexploded ordnance. It developed non-intrusive dual-sensor UXO detection and discrimination systems. Researchers fused two detection approaches—magnetometer and electromagnetic induction systems, known as EMI—into a single system that can be used simultaneously to sweep a UXO field, despite the traditional problem of EMI measurements interfering with magnetometers. The dual technology was used in three systems built and tested during fiscal year 2004—a towed array, a man-portable wheeled system, and a hand-held system. The new dual-sensor systems will result in substantial cost reductions in UXO cleanup at current and former military installations around the country, ERDC officials said. Other technical accomplishments cited were Joint Rapid Airfield Construction

and Micro-Encapsulated Phase Change Material Technology for Pumped Thermal Transfer.

### Lab helped with IED detection

ERDC was also commended for its support to the global war on terror through its work on the BuckEye Improvised Explosive Device Change Detection System; the Urban Tactical Planner; the Counter Rocket, Artillery, and Mortar program; the Joint Antiterrorism Planners Guide; protection of civil works infrastructure from terrorist attack; support to the Department of Homeland Security and the Immune Building Program; and development of antiterrorism blast technologies.

### Management technology helps win award

In 2004, ERDC fielded technology for secure portable offices and established enterprise control over all information resources. ERDC established a virtual private network for the entire Corps of Engineers, including the Corps' Gulf Region Division in Iraq, and installed a Corps-wide active directory with an online address book for 37,000 Corps employees. ERDC is also leading the Corps-wide implementation of a project management system designed to drive the Corps' real-time financial system, officials said.

Methods are also being implemented to reduce the number of supervisors and organization layers across the ERDC, encourage continuing education, and ensure the balance of skills necessary to execute the organization's mission, officials said. They said these efforts enable ERDC to maintain a competitive advantage in resources and capabilities.

*ERDC consists of seven laboratories at four geographical sites, with more than 2,000 employees, \$1.2 billion in facilities, and an annual research program approaching \$700 million. It conducts research in both military and civil works for the Department of Defense and the nation.*

*Information provided by ERDC Public Affairs.*