



News Release

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ECBC wins George Linsteadt Award for Excellence in Technology Transfer

DoD award recognizes significant contributions to federal, state and private partnerships

ABERDEEN PROVING GROUND, Md. – The U.S. Army Edgewood Chemical Biological Center (ECBC) was awarded the 2013 George Linsteadt Technology Transfer (T2) Achievement Award on Dec. 3 for demonstrating significant accomplishments to the Department of Defense (DoD) Technology Transfer Program. The award is named in honor of Linsteadt, one of the most prolific directors for the Office of Research and Technology Applications (ORTA) from the 1980s, and is considered the pinnacle of success within the DoD for transitioning technologies.

“ECBC is an Army Center of Excellence for technology transfer, as demonstrated by the number of collaborative efforts and the recognition bestowed by George Linsteadt Award,” said Stephen Cohn, Director for International Science and Technology Programs/Technology Transfer for the Office of the Deputy Assistant Secretary of the Army (Research & Technology).

A group of ORTAs from numerous government organizations recommended ECBC for the honor. The award recognizes ECBC’s outstanding contributions made to the T2 process, which resulted in mutually beneficial partnerships with federal and state agencies, private industry and academia. A record breaking number of 105 agreements were executed in fiscal year 2012 (FY12), of which 65 were new cooperative research and development agreements (CRADAs) and technology support agreements (TSAs).

“It is a tremendous honor to be recognized by the Department of Defense for our efforts in technology transfer,” said ECBC Director Joseph D. Wienand. “During a time of declining federal budgets, technology transfer is more important than ever, allowing ECBC to capitalize on our vast research and development infrastructure to establish mutually beneficial partnerships that stimulate the economy and further our mission in chemical and biological defense.”

ECBC has furthered DoD defense efforts by providing lifecycle science, engineering and operations solutions for countering chemical and biological (CB) threats to U.S. forces and the nation. ECBC has accomplished this by consistently leveraging the speed and agility of industry to transition Army-developed technology directly to the Warfighter and

first responders. In addition to CRADAs and TSAs, other principal T2 mechanisms include patent license agreements (PLA) as well as agreements with other government agencies such as interagency agreements (IAA), memorandum of agreement (MOA) and memorandum of understanding (MOU). These mechanisms enable ECBC, industry and federal partners to leverage their expertise and resources in order to reduce the time it takes to field a product to the end user – the Warfighter.

ECBC also set records in FY12 for intellectual property protection, with 24 invention disclosures, 20 patent applications, four provisional patent applications and 17 issued patents. Other agreements executed in FY12 included one PLA, two joint ownership agreements and 39 agreements with other government agencies.

“The George Linsteadt Award is a true center-wide achievement that reflects upon the dedication our researchers, scientists and engineers have to solving some of the most complex problems in the CB arena,” said Dhirajlal Parekh, ECBC’s ORTA. “The commitment to refine and develop innovative technologies for a variety of real world applications in both military and civilian capacities has been seconded only by our Technology Transfer Office, which has been active in outreach, commercialization efforts and teamwork and leadership.”

Parekh led one of ECBC’s most notable T2 efforts for the Tactical Biological (TAC-BIO) detector, which identifies biological threats and has recently advanced into a next generation detector that is weatherproof and uses enhanced detection algorithms to reduce false alarms. ECBC advanced existing technology to reduce costs by 80 percent, save production time and use a power source that is more energy efficient. As a result, the TAC-BIO II detector was developed and weighs three times less than its predecessor, which was licensed to General Dynamics Armament and Technical Products in 2009; to Research International, Inc. in 2010; and Lighthouse Worldwide Solutions in late 2012. That same year, ECBC was awarded the 2012 Federal Laboratory Consortium (FLC) Excellence in Technology Transfer.

For more information about ECBC, visit <http://www.ecbc.army.mil/>.

ECBC is the Army’s principal research and development center for chemical and biological defense technology, engineering and field operations. ECBC has achieved major technological advances for the warfighter and for our national defense, with a long and distinguished history of providing the Armed Forces with quality systems and outstanding customer service. ECBC is a U.S. Army Research, Development and Engineering Command laboratory located at the Edgewood Area of Aberdeen Proving Ground, Maryland. For more information about the Edgewood Chemical Biological Center, please visit our website at <http://www.ecbc.army.mil> or call (410) 436-7118.

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