

# Press Release



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For Immediate Release

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## **TARDEC Battery Team Recognized with 2010 Defense Manufacturing Technology Achievement Award**

**U.S. ARMY DETROIT ARSENAL**, Warren, Mich. – Just north of where Chevrolet Volts are rolling off the assembly line at General Motors' Detroit-Hamtramck Assembly Plant, Army scientists and researchers are being lauded for their advance battery work that will not only save gallons of gas but – more importantly – Soldiers' lives.

A team led by the U.S. Army Tank Automotive Research, Development and Engineering Center's (TARDEC's) Sonya Zanardelli received a Defense Manufacturing Technology Achievement Award for their work on high-power, high-energy density Lithium-Ion batteries. The award was given at the 2010 Defense Manufacturing Conference.

TARDEC associates are exploring numerous ways to keep Soldiers out of harm's way, and advanced battery initiatives are key to that effort. By producing more fuel-efficient vehicles, the Army will have to transport less fuel in conflict areas. In fact, a 2008 Army Energy Security Briefing stated that a one percent fuel savings will lead to 6,444 fewer Soldier trips in dangerous battlefield convoys.

In addition to Zanardelli and others from TARDEC's Ground Vehicle Power & Mobility group, team members recognized include individuals from Army Research Laboratory and Saft American, Inc.

The Defense Manufacturing Technology Achievement Award recognizes and honors those individuals from government and the private sector most responsible for outstanding technical accomplishments that further the achievement of the vision of the Department of Defense (DoD) Manufacturing Technology (ManTech) Program. That vision is to "realize a responsive world-class manufacturing capability to affordably meet the Warfighters' needs throughout the defense system life cycle." Sponsored by the Joint Defense Manufacturing Technology Panel and the Office of the Director, Defense Research and Engineering, the award was established in 1999.

### **ABOUT TARDEC**

Headquartered at the Detroit Arsenal in Warren, MI, TARDEC is the Nation's laboratory for advanced military automotive technology and serves as the Ground Systems Integrator for all Department of Defense (DOD) manned and unmanned ground vehicle systems. With roots dating back to the World War II era, TARDEC is a full life-cycle, systems engineering support provider-of-first-choice for all DOD ground combat and combat support weapons, equipment and vehicle

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systems. TARDEC develops and integrates the right technology solutions to improve Current Force effectiveness and provides superior capabilities for Future Force integration. TARDEC's technical, scientific and engineering staff lead cutting-edge research and development in Ground Systems Survivability; Power and Mobility; Ground Vehicle Robotics; Force Projection; and Vehicle Electronics and Architecture. TARDEC is a major research, development and engineering center for Research, Development and Engineering Command and an enterprise partner in the TACOM Life Cycle Management Command.

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