

ADA Technologies Receives \$100,000 for Advanced Lithium-Ion Battery Research

High performance lithium-ion batteries are key to advanced transportation technologies.

DENVER (August 4, 2009): ADA Technologies, Inc. received a \$100,000 grant from the Department of Energy to continue research into the development of high performance, safe and long-lasting lithium-ion (Li-ion) batteries.

Rechargeable Li-ion batteries are needed for advanced transportation technologies, including electric vehicles, hybrid electric vehicles and plug-in hybrid vehicles. Efforts to move these technologies forward have been hampered by the limited energy/power densities, flammability and short life cycle of current state-of-the-art Li-ion batteries. Li-ion batteries also are used in consumer and medical electronics, as well as in utility, military and defense applications.

ADA's research focuses on the use of nanocomposite technology to overcome the current limitations.

"ADA has developed a nanocomposite technology that combines high performance nanocomposite electrodes with environmentally friendly electrolytes to create advanced Li-ion batteries," said Wen Lu, Ph.D., ADA senior research scientist and principal investigator. "High performing, safe and long-lasting Li-ion batteries are key to the ongoing development of zero-emission advanced transportation technologies and have numerous other applications."

ADA has received more than \$1 million in grant money for advanced energy storage technology R&D, including the development of Li-ion batteries and ultracapacitors.

About ADA Technologies, Inc.

ADA Technologies, Inc. is a research, development, and commercialization company that specializes in creating and converting innovative technologies to commercial successes. The firm is headquartered in Littleton, Colorado, with offices on the University of Wyoming campus in Laramie and the Virginia Tech Corporate Research Center, Blacksburg, VA. ADA has received more than 130 research grants totaling more than \$40 million. ADA has received numerous honors, including: 2006 Tibbetts Award, 2006, 2007 & 2008 Colorado Technology Fast 50, 2006 & 2007 Best Companies to Work For in Colorado and Colorado's Top Technology Company 2005. For more information, please visit www.adatech.com or call 303-792-5615.

About Wen Lu, Ph.D.

Dr. Wen Lu oversees ADA's R&D efforts in electrochemistry, electrochemical devices and materials science (inherently conducting polymers, electrolytes and nano materials). His work is focused on the applications of electrochemistry and materials science to the development of electrochemical devices, including electrochemical sensors/biosensors, electrochromic devices, electromechanical actuators, energy storage devices (batteries and ultracapacitors), energy conversion devices (fuel cells and photoelectrochemical cells), and environmental remediation devices.

###



Technologies, Inc.

Taking Today's Technologies into Tomorrow's Markets