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For Immediate Release

ICx Technologies to develop novel mass spec solution

ICx Technologies is first company to contract through Purdue's CAID

West Lafayette, Ind. (Dec. 4, 2008) – ICx Technologies (NASDAQ: ICXT), today announced a new joint research project with Purdue University's R. Graham Cooks, distinguished professor of chemistry, working through the university's Discovery Park Center for Analytical Instrumentation Development.

The research will focus on the area of novel ambient ionization mass spectrometry (AI-MS). Ambient ionization mass spectrometry allows scientists to analyze surfaces for chemicals at trace levels without the need for standard sample preparation. Mass spectrometers can now directly "sniff" surfaces for chemical markers.

The technology has the potential to allow rapid screening of surfaces, such as luggage or vehicles, for items such as contraband and explosives. Potential applications include forensics, port and border screening as well as aviation security.

This new project continues seven years of joint research between the Cooks' group and ICx, and will be focused through the Center for Analytical Instrumentation Development, an interdisciplinary center in Purdue's Discovery Park established in July, 2008. The goals of the center include promoting the commercialization of instrumentation developed in the Center's projects, thereby stimulating the regional economy. This will be the first industrial contract to be coordinated through the center.

"We look forward to building on our productive relationship with the Cooks' group," said Dennis Barket, Jr., president and CEO of Griffin Analytical Technologies, LLC a business unit of ICx Technologies, Inc. that is based in the Purdue Research Park. "This project has the potential to lead to significant advances in analytical security products. This is important work and there is no team better positioned to be successful than CAID and ICx Technologies."

The ICx/Cooks partnership has previously led to a mini mass spectrometer, which is now in its third phase of testing by the Department of Homeland Security as a tool for facility

protection. The lab, which now employs some 42 people, has also proven to be a steady source of high-caliber employees for ICx.

About ICx Technologies™

ICx Technologies is a leader in the development and integration of advanced sensor technologies for homeland security, force protection and commercial applications. Our proprietary sensors detect and identify chemical, biological, radiological, nuclear and explosive threats, and deliver superior awareness and actionable intelligence for wide-area surveillance, intrusion detection and facility security. We then leverage our unparalleled technical expertise and government funding to address other emerging challenges of our time, ranging from a cleaner environment and alternative energy to life science.

About Purdue Research Park

The 725-acre Purdue Research Park (http://www.purdueresearchpark.com) has the largest university-affiliated business incubation complex in the country. The park is home to more than 157 companies. About 100 of these firms are technology-related and another 39 are incubator businesses. The Purdue Research Park is part of the Purdue Research Foundation, a private, nonprofit foundation created to assist Purdue University in the area of economic development. In addition to the Purdue Research Park in West Lafayette, the foundation has established or is currently constructing technology parks in other locations around Indiana including Merrillville, New Albany and Indianapolis.

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ICx Technologies undertakes no obligation to revise or update any forward-looking statements in order to reflect events or circumstances that may arise after the date of this release.

The contract and its contents do not necessarily reflect the position or the policy of the US Government, and no official endorsement should be inferred.