

National Institute of Justice

Award Title: Accessing the Probative Value of Physical Evidence at Crimes Scenes with Ambient Mass Spectrometry and Portable Instrumentation

Award Description:

This project will investigate the use of Ambient Mass Spectrometry to help detect/identify items of interest at crime scenes. The proposed technology will allow sensitive analysis of gas, liquid, and solid-phase chemicals, as well as chemical traces on everyday surfaces, at low concentrations with high chemical specificity. Findings from this project will be used to develop and deliver an optimized portable MS instrument prototype to NIJ for evaluation and testing, along with appropriate operational documentation and a spectral library of samples of interest.

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Awardee Name: Illinois State University	Award Number: 2011-DN-BX-K552
Solicitation Title: NIJ FY 11 Applied Research and Development in Forensic Science for Criminal Justice Purposes	Fiscal Year: 2011
Amount: \$396,780.00	Earmark: No
Recovery Act: No	State/Territory: IL
County: McLean	Congressional District: 11
Award Status: Open	