

Awards Made for Solicitation

NIJ FY 12 Basic Scientific Research to Support Forensic Science for Criminal Justice Purposes

Number of Awards: 11

Total Amount Awarded: \$4,964,640.00

Award Title	Awardee	Award Number	Award Amount	Location	Fiscal Year
Human decomposition: A mosaic model for community succession and implications for future forensic research	Sam Houston State University	2012-DN-BX-K023	\$304,961.00	TX	2012
Deep Sequencing for Identification and Characterization of MicroRNAs in Forensically Important Biological Fluids	Virginia Commonwealth University	2012-DN-BX-K017	\$309,918.00	VA	2012
The Analysis of Trace Forensic Evidence Using Isotope Ratio Mass Spectrometry: Differentiating Fibers	St. Olaf College	2012-DN-BX-K020	\$113,858.00	MN	2012
Level of confidence in elemental analysis by LIBS	University of Central Florida	2012-DN-BX-K027	\$399,532.00	FL	2012
Bloodstain Patterns on Textile Surfaces: A Fundamental Analysis	North Carolina State University	2012-DN-BX-K052	\$432,648.00	NC	2012
Body fluid Identification using epigenetic methylation markers and pyrosequencing	Florida International University	2012-DN-BX-K018	\$316,850.00	FL	2012
Investigation of the Impact of Body Temperature and Post-Mortem Interval on Magnetic Resonance Imaging (MRI) of Unfixed Tissue	University of New Mexico Health Sciences Center	2012-DN-BX-K019	\$574,868.00	NM	2012
Genomic tools to reduce error in PMI estimates derived from entomological evidence	Texas AgriLife Research	2012-DN-BX-K024	\$496,661.00	TX	2012
Encapsulated phase change nanoparticles as thermally-readable covert taggants	University of Central Florida	2012-DN-BX-K021	\$350,200.00	FL	2012
Forensic Chemistry of Substituted 1-Alkyl-3-Acylindoles: Isomeric Synthetic Cannabinoids.	Auburn University	2012-DN-BX-K026	\$865,784.00	AL	2012
Characterization of Designer Drugs: Chemical Stability, Exposure, and Metabolite Identification	Research Triangle Institute	2012-R2-CX-K001	\$799,360.00	NC	2012