

# Awards Made for Solicitation

## NIJ FY 11 Basic Scientific Research to Support Forensic Science for Criminal Justice Purposes

Number of Awards: 10

Total Amount Awarded: \$6,308,400.00

Award Title	Awardee	Award Number	Award Amount	Location	Fiscal Year
DNA Forensics Using Single Molecule Technology: From DNA Recovery and Extraction to Genotyping Degraded and Trace Evidence without PCR	The University of Kansas Center for Research, Inc.	2011-DN-BX-K542	\$587,597.00	KS	2011
Prediction of drug interactions with methadone, buprenorphine and oxycodone from in vitro inhibition of metabolism	University of Utah	2011-DN-BX-K532	\$1,058,604.00	UT	2011
Human Hair Proteomics - Improved Evidence Discrimination	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2011-DN-BX-K543	\$151,150.00	CA	2011
Investigating Unexplained Deaths through Molecular Autopsies	City of New York, Office of Chief Medical Examiner	2011-DN-BX-K535	\$696,879.00	NY	2011
Extending the Microbial Forensic Toolkit Through Whole Genome Sequencing and Statistical Phylogenomics	Baylor College of Medicine	2011-DN-BX-K534	\$581,213.00	TX	2011
Analytical and Synthetic Studies on Designer Drugs of the Piperazine Class This project will address issues of resolution and discriminatory capabilities in controlled substance analysis.	Auburn University	2011-DN-BX-K530	\$484,819.00	AL	2011
Isotope Analyses of Hair as a Trace Evidence Tool to Reconstruct Human Movements: Combining Strontium Isotope with Hydrogen/Oxygen Isotope Data	IsoForensics, Inc.	2011-DN-BX-K544	\$342,606.00	UT	2011
Population Genetic Issues for Forensic DNA Profiles	University of Washington	2011-DN-BX-K541	\$1,269,456.00	WA	2011
Separation and Identification of Drugs of Abuse Using ESI-IMS-MS	Florida International University	2011-DN-BX-K531	\$241,447.00	FL	2011
Characterization of Bacterial and Fungal Communities Associated with Corpse Decomposition Using Next Generation Sequencing	Regents of the University of Colorado	2011-DN-BX-K533	\$894,629.00	CO	2011