

### National Meeting Presentation Statistics (past 5 years)

<u>Year</u>	<u>Venue</u>	<u>Student</u>	<u>Type Of Presentation</u>	<u>Title</u>
2012	AAFS	Bard		Internal Validation of AmpFISTR Identifiler Plus amplification chemistry on Applied Biosystems' ABI PRISM 310 Genetic Analyzer
2012	AAFS	Borycki		Validation of the PowerPlex 18D Direct Amplification System
2012	AAFS	Crum		Validation of liver oxymorphone analysis using LC/MS/MS: Comparison with associated blood concentrations in fatal intoxications.
2012	AAFS	Fete		Internal Validation of GeneMapper/D-X for use in Forensic Casework
2012	AAFS	Greely		Ignitable Liquid Residue Distribution in Pour Patterns as Affected by Substrate Type and Ignitable Liquid Class
2012	AAFS	Helenek	Oral	Facebook: Do You Leave a Trace? A Forensic Analysis of Facebook Artifacts
2012	AAFS	Hume		New gas chromatography-positive chemical ionization tandem mass spectrometric method for the detection of methylenedioxypyrovalerone (MDPV), 4-methylmethcathinone (mephedrone), and 4-methoxymethcathinone (methedrone)
2012	AAFS	Johnson		A Comparison of Cyanoacrylate, Ninhydrin, and Gellifters for the Development of Latent Prints on Latex Gloves.
2012	AAFS	Mead		Development of a Field Method for the Identification of the Hallucinogenic Herb Salvia Divinorum Using ATR-FTIR
2012	AAFS	Messina		GSR Analysis: Correlating quantities of Trace Metals (Pb, Sb, Ba,) by ICP-MS to the presence of GSR by SEM
2012	AAFS	Rehme		Development and Validation of a Quantitative Method for Identification of Synthetic Cannabinoids using GCMS
2012	AAFS	Vickman		DNAgard Tissue as a Room Temperature Microbial Preservation System for Forensic Soil Samples
2012	AAFS	Vititoe		Effects of Various Substrate Types on E1618 Pattern Classification of Ignitable Liquids Present in Fire Debris
2012	AAFS	Wilbur		Target Compound Ratio Analysis of Medium Petroleum Distillates
2013	AAFS	Barr	Poster	Validation and Comparison of the AmpFISTR Identifiler Plus PCR Amplification Kit to Identifiler, MiniFiler, and Y Filer for the Pinellas County, Florida Forensic Laboratory
2013	AAFS	Corcoran	Oral	Messaging Application Analysis for Android and iOS Platforms
2013	AAFS	Dembia	Poster	Validation of the Applied Biosystems 3500 Genetic Analyzer With a Comparison to the Identifiler Plus and PowerPlex 16 HS Amplification Kits
2013	AAFS	Friedman	Oral	A Digital Forensic Analysis on the iCloud and Its Synchronization to Apple Devices
2013	AAFS	Gapinski	Poster	Internal Validation of the AmpFISTR Identifiler Plus PCR Amplification Kit and Comparison to Identifiler for the Boston Police Department Crime Laboratory
2013	AAFS	Jacque	Poster	Internal Validation of the AmpFISTR Yfiler Amplification Kit on a Life Technologies 3130 Genetic Analyzer

2013	AAFS	Lowney	Poster	Comparison Study of the QIAcube to Manual Differential Separation: Man versus Machine
2013	AAFS	Rusbarsky	Poster	A Forensic Comparison of NTFS and FAT32 File Systems
2013	AAFS	Thatch	Poster	Validation of the Applied Biosystems 3500xL with PowerPlex 16HS
2013	AAFS	Tokarz	Poster	Internal Validation of the PowerPlex Y23 Amplification Kit for Use in Forensic Casework
2013	AAFS	Zeile	Oral	Development of a Direct Amplification Method for Exemplar and Pseudo-Exemplar Reference Samples Using Identifiler Plus
2014	AAFS	Al Ahmar	Poster	Internal Validation of the Promega PowerPlex® Fusion System Using the Applied Biosystems® 3130xl Genetic Analyzer
2014	AAFS	Velez	Poster	Analysis of Cyanoacrylate Fumigation's Effects on the FTIR Classification and Comparison of Polymers
2014	AAFS	Davis	Poster	Mobile Crime Scene Applications: An Evaluation of Their Use and Future Direction
2014	AAFS	Ball	Poster	Development of an Identification and Derivatization Method for Synthetic Cathinones by GC/MS Using Perfluoroacyl Anhydrides
2014	AAFS	Dawson	Poster	GC/MS and GC/IR Analysis of Methcathinone Analogs
2014	AAFS	Sulcebarger	Poster	Detection of URB Series Synthetic Cannabinoids
2014	AAFS	Sullivan	Poster	Optimization of Development of Latent Fingerprints on Unfired and Fired Brass Cartridge Casings
2014	AAFS	Aufiero	Oral	Predicting the Quality of DNA Profiles Through the Evaluation of the ParaDNA® Screening Instrument
2014	AAFS	Timmons	Oral	Development of an Expert System for Classifying Ignitable Liquid Residues in Fire Debris by ASTM E1618
2014	AAFS	Maldonado	Oral	The Simultaneous Development of Latent Prints on the Adhesive and Non-Adhesive Sides of Tape Using a Rhodamine 6G in Tween 20 Solution After Cyanoacrylate Fuming
2015	AAFS	Maldonado	Poster	Internal Validation and Comparative Analysis of the Promega PowerPlex Fusion and the AB GlobalFiler Express Amplification Kits for Direct Amplifications
2015	AAFS	Gauthier	Poster	An Improved Method for Extraction of DNA from Envelopes
2015	AAFS	Kennedy	Oral	Qiagen Investigator DIPplex Kit: Validation and Use With Parentage Section Cases Involving Degraded/Inhibited Samples or Complex Relationships
2015	AAFS	Kilkeary	Poster	Internal Validation of the Qiagen QIAgility Liquid Handling Robot
2015	AAFS	Baber	Oral	Age Estimation of Adolescents and Adults Using the Dimensions of the Eye and Pupil in "Selfie" Photographs
2015	AAFS	Redd	Poster	Evaluation of a Modified DNA Extraction Approach for Improved STR Recovery from Severely Degraded Skeletal Elements
2015	AAFS	Daniel	Poster	Evaluating Method for Removing Radioactive Contamination from Traditional Forensic Evidence: Moths
2015	AAFS	Winkler	Poster	Online Anonymity: Forensic Analysis of the Onion Router (TOR) Browser Bundle
2015	AAFS	Green	Oral	Steganography Analysis: Efficacy and Response Time of Current Steganalysis Software
2015	AAFS	Crawford	Oral	Detection of Organic Components of Gunshot Residue of Carbon SEM Stubs by Raman Spectroscopy
2015	AAFS	Holsworth	Oral	Comparison of QIAcube Differential to Manual Differential Extraction When Purified Using the QIAmp DNA Blood Mini Kit