

National Meeting Presentation Statistics

	<u>Year</u>	<u>Venue</u>	<u>Student</u>	<u>Type Of Presentation</u>	<u>Title</u>
1	2005	AAFS	Lance Allen	Poster	
2	2005	AAFS	Michelle Eichenmiller	Poster	
3	2005	AAFS	Ginger Eastham	Poster	
4	2005	AAFS	Justin Godby	Poster	
5	2005	AAFS	Ashley Hinkle	Poster	
6	2005	AAFS	Amanda Lokar	Poster	
7	2005	AAFS	Mindy Lux	Poster	
8	2006				
9	2007	AAFS	Megan Fletcher		Target Compound Analysis for the Comparison of Gasolines
10	2007	AAFS	Melissa Beal		Simulated Sexual Assault Analysis Using a Filtration Based Differential Extraction Method
11	2007	AAFS	Michael McCarriagher		Quantitative Analysis of Smokeless Powder Additives: A Comparison of Micellar Electrokinetic Capillary Electrophoresis and Reversed Phase High Performance Liquid Chromatography
12	2007	AAFS	Sara Lee		Birch Reduction of Pyrilamine
13	2008	MAAFS	Mandy Mayo		A Comparison of Two DNA Extraction Techniques: Organic vs. DNA IQ
14	2008	AAFS	Valerie Hummert		Methadone Detection in Postmortem Oral Swab Samples
15	2008	AAFS	Val Bostwick		Advances in Automation - Incorporation of the Biomek NXP Liquid Handler Into a Small Forensic Biology Laboratory
16	2008	AAFS	Angela Dolph		The DNA Mixture Conundrum: Sample Variation and Its Effects on Mixture Deconvolution Tools
17	2008	AAFS	Monte Swank		USB Portable Operating System and File System Circumvention Capability Analysis
18	2009	AAFS	Dana Pilon		Internal Validation of the AmpfSTR MiniFiler Amplification Kit for Use in Forensic Casework
19	2009	AAFS	Laura Young		PowerPlex S5 as a Simple, Cost Effective DNA Profile Screening Tool
20	2009	AAFS	Rachel Lovelace		Streamlining and Optimizing the Procedures of a State Databank Lab
21	2009	AAFS	Tarah Brown		Internal Validation of AmpfSTR Minifiler Amplification Kit for Metropolitan Police Department
22	2009	AAFS	Jackie Jarzombek		Optimization of FSS-i3 for Future Use at the Michigan State Police CODIS Unit
23	2009	AAFS	Jackie Jarzombek, Mallory Mest		Evaluation of Audit Trails and Security Features in Software Systems
24	2009	AAFS	Taha Ahmad		Biomatrix DNA SampleMatrix – A New Prospect for Forensic DNA Sample Storage
25	2009	AAFS	Elaine Escudro		A Comparison of Two Real - Time PCR Systems for the Simultaneous Quantitation of Total Genomic DNA and Human Male DNA
26	2009	AAFS	TJ Neece		Conversion of the Wyoming State Crime Laboratory From FM-BIO Slab Gel Technology to the AB 3130 Genetic Analyzer for CODIS and Casework Sample Analysis
27	2010	AAFS	Jenn Hayden		Internal Validation of Robotic Liquid Handler for Real-Time PCR Set-Up

28	2010	AAFS	Alex Bondra		The Differentiation of Kerosene Samples by Target Compound Ratio Analysis
29	2010	AAFS	Sally Edwards		Internal Validation of Y-STRs for Casework at the Kentucky State Police Crime Laboratory
30	2010	AAFS	Justin Owens		Comparison of Organic Components of Pre- and Post-Blast Smokeless Powders by HPLC
31	2010	AAFS	Mallory Mest		The Evaluation of Multiple Commercially Available Extraction Chemistries for Forensic Laboratory Use
32	2011	AAFS	Anthony Eiler		Internal Validation of Yfiler for Casework at the Saint Louis Metropolitan Police Department
33	2011	AAFS	Mandy Heeren		Effects of Competitive Adsorption on Interpretation of Ignitable Liquid Residues in Fire Debris Analysis
34	2011	AAFS	Chris Kendrex		Observed microscopic changes of bullets fired from barrels after cleaning with bore brushes
35	2011	AAFS	Kevin Kramer		Comparison of Room Temperature Forensic DNA Extract Sample Preservation Methods
36	2011	AAFS	Erin LaGrone		Trifluoroacetyl Derivatization of Amphetamine, Methamphetamine, MDMA and Other Controlled Substances with Similar Mass Spectra
37	2011	AAFS	Meggan Macomber		Migration of Ignitable Liquids in Pour Patterns on Carpet
38	2011	AAFS	Dishari Mukherjee		Comparison of Collection Devices and Commonly used Human Identification Kits for Forensic DNA Profiling of Soil-Inhibited Saliva-Skin Samples
39	2011	AAFS	Amber Rasmussen		Analysis and Characterization of Several Varieties of Herbal Blends Containing Synthetic Cannabinoids
40	2011	AAFS	Megan Rommel		Comparative Evaluation of Manual Extraction Methods for the Biology/DNA Unit of the Las Vegas Metropolitan Police Department Forensic Laboratory
41	2011	AAFS	Andrew Sawin		Comparative Analysis of Quantifiler Duo, Plexor HY, and MavenQST DNA Quantification Systems
42	2012	AAFS	Tiffany Bard		Internal Validation of AmpFISTR Identifiler Plus amplification chemistry on Applied Biosystems' ABI PRISM 310 Genetic Analyzer
43	2012	AAFS	Kelly Borycki		Validation of the PowerPlex 18D Direct Amplification System
44	2012	AAFS	Erin Crum		Validation of liver oxycodone analysis using LC/MS/MS: Comparison with associated blood concentrations in fatal intoxications.
45	2012	AAFS	Emily Fete		Internal Validation of GeneMapper <i>ID-X</i> for use in Forensic Casework
46	2012	AAFS	Dana Greely		Ignitable Liquid Residue Distribution in Pour Patterns as Affected by Substrate Type and Ignitable Liquid Class
47	2012	AAFS	Kathy Helenek	Oral	Facebook: Do You Leave a Trace? A Forensic Analysis of Facebook Artifacts
48	2012	AAFS	Lindsey Hume		New gas chromatography-positive chemical ionization tandem mass spectrometric method for the detection of methylenedioxypyrovalerone (MDPV), 4-methylmethcathinone (mephedrone), and 4-methoxymethcathinone (methedrone)
49	2012	AAFS	Stephanie Johnson		A Comparison of Cyanoacrylate, Ninhydrin, and Gellifters for the Development of Latent Prints on Latex Gloves.
50	2012	AAFS	Rebecca Mead		Development of a Field Method for the Identification of the Hallucinogenic Herb <i>Salvia Divinorum</i> Using ATR-FTIR
51	2012	AAFS	Alex Messina		GSR Analysis: Correlating quantities of Trace Metals (Pb, Sb, Ba,) by ICP-MS to the presence of GSR by SEM
52	2012	AAFS	Jennifer Rehme		Development and Validation of a Quantitative Method for Identification of Synthetic Cannabinoids

					using GCMS
53	2012	AAFS	Tiffany Vickman		DNAgard Tissue as a Room Temperature Microbial Preservation System for Forensic Soil Samples
54	2012	AAFS	Jared Vititoe		Effects of Various Substrate Types on E1618 Pattern Classification of Ignitable Liquids Present in Fire Debris
55	2012	AAFS	Kendra Wilbur		Target Compound Ratio Analysis of Medium Petroleum Distillates
56	2013	AAFS	Sarah 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
57	2013	AAFS	Katie Corcoran	Oral	Messaging Application Analysis for Android and iOS Platforms
58	2013	AAFS	Emilie Dembia	Poster	Validation of the Applied Biosystems 3500 Genetic Analyzer With a Comparison to the Identifiler Plus and PowerPlex 16 HS Amplification Kits
59	2013	AAFS	Rachel Friedman	Oral	A Digital Forensic Analysis on the iCloud and Its Synchronization to Apple Devices
60	2013	AAFS	Allison Gapinski	Poster	Internal Validation of the AmpFISTR Identifiler Plus PCR Amplification Kit and Comparison to Identifiler for the Boston Police Department Crime Laboratory
61	2013	AAFS	Katie Jacque	Poster	Internal Validation of the AmpFISTR Yfiler Amplification Kit on a Life Technologies 3130 Genetic Analyzer
62	2013	AAFS	Jessica Lowney	Poster	Comparison Study of the QIAcube to Manual Differential Separation: Man versus Machine
63	2013	AAFS	Kelsey Rusbarsky	Poster	A Forensic Comparison of NTFS and FAT32 File Systems
64	2013	AAFS	Chris Thatch	Poster	Validation of the Applied Biosystems 3500xL with PowerPlex 16HS
65	2013	AAFS	Jessica Tokarz	Poster	Internal Validation of the PowerPlex Y23 Amplification Kit for Use in Forensic Casework
66	2013	AAFS	Ashleigh Zeile	Oral	Development of a Direct Amplification Method for Exemplar and Pseudo-Exemplar Reference Samples Using Identifiler Plus
67	2014	AAFS	Roy Al Ahmar	Poster	Internal Validation of the Promega PowerPlex® Fusion System Using the Applied Biosystems® 3130xl Genetic Analyzer
68	2014	AAFS	Andre Velez	Poster	Analysis of Cyanoacrylate Fumigation's Effects on the FTIR Classification and Comparison of Polymers
69	2014	AAFS	Miranda Davis	Poster	Mobile Crime Scene Applications: An Evaluation of Their Use and Future Direction
70	2014	AAFS	Michelle Ball	Poster	Development of an Identification and Derivatization Method for Synthetic Cathinones by GC/MS Using Perfluoroacyl Anhydrides
71	2014	AAFS	James Z. Dawson	Poster	GC/MS and GC/IR Analysis of Methcathinone Analogs
72	2014	AAFS	Jennifer Sulcebarger	Poster	Detection of URB Series Synthetic Cannabinoids
73	2014	AAFS	Katie Sullivan	Poster	Optimization of Development of Latent Fingerprints on Unfired and Fired Brass Cartridge Casings
74	2014	AAFS	Miranda Aufiero	Oral	Predicting the Quality of DNA Profiles Through the Evaluation of the ParaDNA® Screening Instrument
75	2014	AAFS	Katelyn Timmons	Oral	Development of an Expert System for Classifying Ignitable Liquid Residues in Fire Debris by ASTM E1618
76	2014	AAFS	Aldo 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
77	2015	AAFS	Betzaida Maldonado	Poster	Internal Validation and Comparative Analysis of the Promega PowerPlex Fusion and the AB GlobalFiler Express Amplification Kits for Direct Amplifications

78	2015	AAFS	Quentin Gauthier	Poster	An Improved Method for Extraction of DNA from Envelopes
79	2015	AAFS	Hannah Kennedy	Oral	Qiagen Investigator DIPplex Kit: Validation and Use With Parentage Section Cases Involving Degraded/Inhibited Samples or Complex Relationships
80	2015	AAFS	Mackenzie Kilkeary	Poster	Internal Validation of the Qiagen QIAgility Liquid Handling Robot
81	2015	AAFS	KariAnna Baber	Oral	Age Estimation of Adolescents and Adults Using the Dimensions of the Eye and Pupil in "Selfie" Photographs
82	2015	AAFS	Harrison Redd	Poster	Evaluation of a Modified DNA Extraction Approach for Improved STR Recovery from Severely Degraded Skeletal Elements
83	2015	AAFS	Kelly Daniel	Poster	Evaluating Method for Removing Radioactive Contamination from Traditional Forensic Evidence: Moths
84	2015	AAFS	Darcie Winkler	Poster	Online Anonymity: Forensic Analysis of the Onion Router (TOR) Browser Bundle
85	2015	AAFS	Jordan Green	Oral	Steganography Analysis: Efficacy and Response Time of Current Steganalysis Software
86	2015	AAFS	Karyn Crawford	Oral	Detection of Organic Components of Gunshot Residue of Carbon SEM Stubs by Raman Spectroscopy
87	2015	AAFS	Kayla Holsworth	Oral	Comparison of QIAcube Differential to Manual Differential Extraction When Purified Using the QIAmp DNA Blood Mini Kit