

Internship/Research Project/Capstone Experience Information

Academic Year	Type of Experience	Title or Topic of research project / area of study:	Location (applicable if internship is the 'type of experience'):
Most Recently Completed Academic Year: 2025-2026	Internship	Forensic Implications of Non-Touch Environmental DNA for Low-Template DNA Interpretation	Marshall University Forensic Science Department, Huntington, WV
	Internship	Evaluation of Laminated Veneer Lumber (LVL) and Commercial Polyurethane Spray Foam Insulation as Potential Interfering Substrates in Fire Debris Analysis	Huntington Fire Department/Fire Marshal, Huntington, WV
	Internship	Internal Instrument and Software Validation for Analysis of DNA Databank Samples	Kansas Bureau of Investigation, Topeka, KS
	Internship	Evaluating the Performance of Fluorescent Fingerprint Powders	Marshall University Chemistry Department, Huntington, WV
	Internship	GC-IRD-MS Method Development and Evaluation of Computationally Predicted Infrared Spectra for Psychoactive Drugs	Customs & Boarder Protection INTERDICT Science Center, Ashburn, VA
	Internship	Internal Validation of the RapidHIT™ ID System v2.1 and RapidLINK™ Software	West Virginia State Police Forensic Laboratory, Charleston, WV
	Internship	Investigating Gender Differences in Fingerprint Ridge Density	Huntington Police Department, Huntington, WV
Previous Academic Year: 2024-2025	Internship	Analysis of IL by GC-MS with H2 Carrier Gas	Pinellas County Forensic Laboratory
	Internship	SpermX extraction with a GenSpin Tube	Palm Beach County Sherriff's Office
	Internship	Evaluation of Vapor Pressures of Ignitable Liquids Water and Fire Debris Analysis, and the Effects on Extraction	ATF Forensic Science Laboratories (FSL) in Ammendale, Maryland
	Internship	MSTFA Derivatization of cannabinoids for GC/MS analysis	Kentucky State Police, Eastern Laboratory, Ashland, KY
	Internship	UV/Vis analysis of dried plant material extracts for the semi-quantitative detection of THC	Marshall University Forensic Science Department, Huntington, WV
	Internship	Investigation of the Impact of the Fire Debris Sample Extraction Process on Latent Prints	Marshall University Forensic Science Department, Huntington, WV

Previous Academic Year: 2023-2024	Internship	Impact of Sound Suppressors on Gunshot Residue Deposition.	Harris County Institute of Forensic Sciences in Houston, Texas
	Internship	Determining Discriminatory Power for Tool Paint (FTIR, MSP, SEM-EDS) and Hot Melt Adhesives (XRF, SEM-EDS, FTIR)	ATF Forensic Science Laboratories (FSL) in Ammendale, MD
	Internship	Validation of Tetrahydrocannabinol Acid Derivatization	West Virginia State Police Forensic Laboratory, Charleston, WV
	Internship	Persistence and Recovery of Touch DNA on Door Handles Over Time	Marshall University Forensic Science Department, Huntington, WV
	Internship	Implementation of the Intermountain Bone and Tooth Extraction and Purification Protocol to Improve DNA Extraction from Bone	Palm Beach County Sheriff's Office, West Palm Beach, FL