



The GrayMatter Group
GrayMatter-Group.com
Phone: (513) 259-0296
Nationwide Service Area

Curriculum Vitae

for:

Kyle G. Gray

Principal Owner
The GrayMatter Group
GrayMatter Accident Reconstruction
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www.GrayMatter-Group.com

Statement of Qualifications

My name is Kyle Gray. I am a qualified Accident Reconstructionist, licensed Private Investigator, and Principal of GrayMatter LLC, a firm specializing in traffic collision reconstruction and complex investigations. I have been actively investigating and reconstructing motor vehicle collisions since 2003. In 2015, I successfully completed accredited Accident Reconstruction training through the Kentucky State Police and have maintained continuous education and involvement in the field since that time.

My professional background began in the United States Air Force beginning in 1999, during which I was assigned to multiple joint expeditionary units and deployed twice to the Middle East. Following my honorable discharge, I graduated from the Butler Tech Police Academy in Ohio and entered law enforcement in 2003.

I served with the Cleves Police Department, Seven Mile Police Department, New Miami Police Department, and the Hamilton County Sheriff's Office, where I was promoted to the rank of Corporal. I was frequently assigned to high-profile details including Dignitary Protection, and VIP Protection. I concluded my law enforcement service with the Campbell County Police Department, holding positions as Detective, Agent, Officer, and Secret Service Task Force Officer. In these roles, I collaborated with the Department Homeland Security Investigations, Federal Bureau of Investigation, Drug Enforcement Administration, and numerous local, state, and federal agencies. As a Detective, I was responsible for all death investigations within the department. I was sponsored by the United States Secret Service to attend the National Computer Forensics Institute, where I earned certification as a Forensic Mobile Device Examiner.

In 2021, at the conclusion of my law enforcement career, I founded GrayMatter LLC. GrayMatter provides expert accident reconstruction and investigative services to attorneys, individuals, corporations, and municipalities across the United States. To date, I have personally investigated hundreds of fatal and serious-injury collisions and have been involved in numerous high-profile and technically complex investigations.

Also in 2021, I accepted a position with Amazon, Inc., in their Executive Investigations division. In this role, I conducted sensitive investigations directly assigned by the company's Founder, CEO, and Senior Leadership. During this period, I completed specialized coursework and became a Certified Workplace Investigations Expert.

In 2023, I began conducting Federal Background Investigations for the Defense Counterintelligence Agency. I hold an active Top-Secret Clearance and my status as a credentialed Special Investigator for the United States Government continues.

Also in 2023, I accepted an investigative position with the Cold Case Foundation, where I serve as both an Investigator and Accident Reconstruction Expert. In this capacity, I assist in developing investigative strategies and applying reconstruction principles to unsolved homicide cases.

I am prepared to testify as an expert in the fields of accident reconstruction and investigation and to offer opinions within the scope of my training, education, and experience.

Professional Experience

2023 – Present	<u>Investigator/Accident Reconstructionist</u> The Cold Case Foundation United States
2023 - Present	<u>Federal Background Investigator - Contract</u> Defense Counterintelligence Agency/Constellis United States
2021 – 2023	<u>Executive Investigations</u> Amazon Incorporated Seattle, Washington
2021 – Present	<u>Principal</u> GrayMatter Accident Reconstruction and Investigation United States
2017 – 2021	<u>Task Force Officer</u> Department of Homeland Security United States Secret Service
2017 – 2021	<u>Task Force Officer</u> Department of Justice Internet Crimes Against Children
2015 – 2021	<u>Accident Reconstructionist</u> Commonwealth of Kentucky Campbell County Major Accident Reconstruction Team
2012 – 2021	<u>Detective / Police Officer</u> Campbell County Police Department Commonwealth of Kentucky

Corporal

2006 – 2012

State of Ohio
Hamilton County Sheriff's Office

Police Officer

2003 – 2006

State of Ohio
Seven Mile, Cleves Police

Collegiate Education

Master of Science

2020

University of the Cumberland's
Major: Justice Administration

Bachelor of Science

2018

University of Cincinnati
Dean's List, National Honor Society
Major: Criminal Justice

Professional Associations

National Association of Professional Accident Reconstruction Specialists

Association of Certified Background Investigators

Professional Education

Live crash testing and validation;
Conservation of Linear Momentum;
Calculating Lateral Displacement
from Yaw and Lateral Acceleration in
Lane Changes; EDR Case studies;
Tesla Data Sources and testing;
Commercial Vehicle Tire Evidence;
Why Traditional PRT fail; Video Motion
Analysis; Forensic Visibility Analysis;
Vehicle System Forensics

2026

IPTM Symposium on Traffic Safety
Lake Buena Vista, Florida
John Daily, Weston Brown, Andy Rich, TJ
Tennent, Jeff Muttart, Anthony Fairbanks, Daniel
Billington, Wesley Vandiver

Heavy Truck Reconstruction	<u>2026</u>	Forensic Training Group/Ft. Worth Police Department
Motorcycle Collisions; Now What	<u>2026</u>	National Association of Professional Accident Reconstruction Specialists
Remote Pilot sUAS (Drone)	<u>2025</u>	Federal Aviation Administration
Motorcycle Collision Reconstruction	<u>2025</u>	Forensic Training Group North Carolina Highway Patrol
Comprehensive Air Brake Training for Commercial Motor Vehicles	<u>2024</u>	Bendix Brake Systems
Bosch CDR Technician	<u>2023</u>	Institute of Police Technology and Management
EDR Symposium	<u>2023</u>	National Association of Professional Accident Reconstruction Specialists
Background Investigations	<u>2023</u>	Defense Counterintelligence Agency
Workplace Investigations Expert	<u>2022</u>	Amazon WIXE
Executive Investigations	<u>2022</u>	Amazon PXT
Forensic Mobile Device Examiner	<u>2019</u>	United States Secret Service
National Child Exploitation and Investigations Conference	<u>2019</u>	Department of Justice
Homicide and Death Investigations	<u>2018</u>	Public Agency Training Council
Forensic Mobile Device Investigations	<u>2018</u>	United States Secret Service

Crisis Intervention for Mental Illness	<u>2018</u>	Department of Criminal Justice Training
Sexual Assault Investigations	<u>2018</u>	Department of Criminal Justice Training
Internet Crimes Against Children	<u>2018</u>	National Center for Missing and Exploited Children
Interview and Interrogation	<u>2017</u>	Reid and Associates Columbus, OH Police Department
Human Factors in Motor Vehicle Collisions	<u>2016</u>	Kentucky State Police
Human Kinematics	<u>2016</u>	Kentucky State Police
Commercial Motor Vehicle Reconstruction	<u>2016</u>	Kentucky State Police
Accident Reconstruction III	<u>2016</u>	Kentucky State Police
Accident Reconstruction II	<u>2015</u>	Kentucky State Police
Accident Reconstruction I	<u>2015</u>	Kentucky State Police
Criminal Investigations	<u>2016</u>	Department of Criminal Justice Training
Kentucky Drug Investigations	<u>2015</u>	Department of Criminal Justice Training
Desert Snow Drug Interdiction	<u>2015</u>	Desert Snow Training Inc.
Covert Investigations	<u>2014</u>	Department of Criminal Justice Training

DEA Drug Investigations and Asset Forfeiture	<u>2014</u>	Drug Enforcement Administration
Commercial Motor Vehicle Drug and Criminal Interdiction	<u>2014</u>	FMCSA / DIAP / FLETC
NIMS IS100	<u>2013</u>	Department of Criminal Justice Training
NIMS IS200	<u>2013</u>	Department of Criminal Justice Training
NIMS IS700	<u>2013</u>	Department of Criminal Justice Training
Academy of Terrorist Education	<u>2013</u>	Louisiana State University
Peace Officer Professional Certification	<u>2013</u>	Department of Criminal Justice Training
Elder victims of Abuse	<u>2011</u>	Hamilton County Sheriff's Office
Child victims of Abuse	<u>2010</u>	Hamilton County Sheriff's Office
Special Weapons and Tactics	<u>2005</u>	Middletown Police Department / Monroe Police Department / Los Angeles Police Department
Ohio Peace Officer Training	<u>2003</u>	Ohio Peace Officer Training Administration
Special Weapons and Tactics	<u>2001</u>	United States Air Force
Security Forces and Reconnaissance	<u>1999</u>	United States Air Force

Basic Military Training1999

United States Air Force

Teaching Experience

2025	<i>Accident Reconstruction - an Introduction</i>	Multidisciplinary Investigator Conference
2024	<i>Accident Reconstruction Level 1</i>	The Cold Case Foundation
2020	<i>Accident Reconstruction Level 1 and 2</i>	Police Explorers / Boy Scouts of America
2019	<i>Introduction to Accident Investigations</i>	Police Explorers / Boy Scouts of America
2018	<i>Accident Reconstruction Level 1</i>	Police Explorers / Boy Scouts of America