GRAYMATTER
Accident Reconstruction and Investigation

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

# Curriculum Vitae

**for:**

## Mark A. Johnson

Accident Reconstruction Expert
The GrayMatter Group
GrayMatter Accident Reconstruction
www.GrayMatter-Group.com

ACTAR ACCREDITED #5364

# Statement of Qualifications

Mark Johnson is an Officer and Investigator assigned to the Traffic Division of the Ogden City Police Department, where he has specialized in traffic collision investigation and reconstruction since 2019. In that role, he has investigated hundreds of traffic collisions involving passenger vehicles, motorcycles, pedestrians, commercial motor vehicles, hit-and-run events, DUI-related crashes, and both single- and multi-vehicle incidents. These cases have required detailed scene documentation, vehicle examinations, and the correlation of physical evidence with electronic data and witness accounts.

He is an ACTAR Accredited Traffic Accident Reconstructionist (ACTAR #5364) and maintains professional affiliation with the National Association of Professional Accident Reconstruction Specialists (NAPARS). His professional development includes Intermediate and Advanced Crash Investigation, Pedestrian Collision Reconstruction, Accident Reconstruction Levels 1 and 2, Event Data Recorder (EDR/CDR) technician and analysis training, crush analysis, motorcycle collision reconstruction, and specialized instruction involving automated and advanced driver-assistance vehicles. This training supports methodical evaluation of crash dynamics, vehicle performance, and the limitations of available data sources.

In addition to complex reconstruction assignments, Officer Johnson investigates hundreds of traffic crashes each year, ranging from minor property-damage incidents to high-severity collisions. This consistent volume of casework provides broad practical experience in scene investigation, evidence identification and preservation, vehicle and roadway evidence interpretation, and the application of basic principles of crash dynamics. Working regularly across the full spectrum of collision severity reinforces the ability to recognize patterns of evidence, assess roadway and environmental factors, and distinguish between conclusive findings and areas where the evidence remains incomplete or ambiguous.

His investigative approach is centered on objective, evidence-based analysis. He focuses on clearly identifying what the physical evidence, electronic data, and available documentation can reliably establish and, equally important, what those sources cannot establish. This disciplined distinction supports accurate reporting and helps prevent conclusions that exceed the strength of the underlying data. His investigations have contributed both to successful criminal prosecutions and to the exoneration of individuals facing unsubstantiated allegations of wrongdoing, reflecting the same standard of careful evaluation regardless of the potential outcome.

Officer Johnson is prepared to testify as an expert in the fields of traffic collision investigation and accident reconstruction. Any opinions offered remain within the scope of his training, education, and practical experience, and are grounded in the specific evidence developed in each case. His work emphasizes transparent methodology, clear communication of findings, and a consistent focus on what the available evidence supports.

## Professional Experience

2019 – Present **Traffic Investigator**

Ogden City Police, Traffic Unit

Ogden, Utah

As a member of the Traffic unit Officer Johnson, has been tasked with educating, enforcing, and investigating traffic law within the city of Ogden. Job functions include but are not limited to.

- Accident Reconstruction and Investigation
- Hit and Run Investigation
- Traffic Enforcement
- DUI enforcement and education
- Education programs, teaching the younger population about the dangers, consequences and importance of traffic law.

2017 – 2019 **Patrol Officer**

Ogden City Police

Ogden, Utah

As a member of the Patrol unit Officer Johnson was tasked with handling calls for service throughout the city and having a physical presence around the city to help deter crime.

- Responds to calls for service.
- Complete quick and thorough basic investigations that could complete a case or properly prepare for a specialized unit.
- Enforce the Law of the state of Utah as it pertained to the calls in which he responded to.
- Proactively locate and enforce laws or other ordinances to help build experience and help make the community feel safer.

## Professional Associations

Accredited Traffic Accident Reconstructionist (ACTAR) #5364

National Association of Professional Accident Reconstruction Specialists (NAPARS)

## Languages

- Portuguese (Fluent)
- Spanish (Semi-Fluent)

## Awards and Achievements

| Achievement | Organization |
|---|---|
| **Excellent Work Award x11** | Ogden City Police Dept. |
| **Employee of the Month x4** | Ogden City Police Dept. |
| **Distinguished Unit x3** | Ogden City Police Dept. |
| **Distinguished Service** | Ogden City Police Dept. |
| **Life-Saving Award** | Ogden City Police Dept. |

## Professional Development

| Course / Training | Year | Provider |
|---|---|---|
| **Intermediate Crash Investigation** | 2021 | Utah Highway Patrol |
| **Advanced Crash Investigation** | 2021 | Utah Highway Patrol |
| **Pedestrian Collision Reconstruction** | 2021, 2025 | Accident Analysis and Reconstruction Inc. |
| **Accident Reconstruction Level 1** | 2022 | Accident Analysis and Reconstruction Inc. |
| **EDR/CDR Technician** | 2023 | Utah Highway Patrol |
| **EDR analysis/EDR use in traffic crash reconstruction** | 2023 | ITPM |

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|---|---|---|
| **UDOT traffic Signal Training for Law enforcement** | 2023 | Utah Department of Transportation (UDOT) |
| **Crush analysis for traffic crash reconstruction** | 2023 | Accident Analysis and Reconstruction Inc. |
| **Motorcycle collision Reconstruction** | 2024 | Wade Bartlett |
| **Advanced Reconstruction with CDR data (Accident reconstruction level 2)** | 2025 | J.S. Held |
| **Advanced Driver Assistance Systems (CAARS Conference)** | 2025 | Northwestern Center for Public Safety |
| **ACTAR Accreditation Process** | 2026 | ACTAR Board of Certification |

**Completed Certified Training in DUI Investigations**

| Course / Training | Year | Provider |
|---|---|---|
| **Basic Standard Field Sobriety Testing and DUI investigation** | 2017 | UTAH Police Officer Standards and Training (P.O.S.T) |
| **Intoxilyzer Operator** | 2017 | UTAH Police Officer Standards and Training (P.O.S.T) |
| **ARIDE (Advanced Roadside Impairment Detection Enforcement)** | 20 | Utah Highway Patrol |