

2024

Stidham
Reconstruction &
Investigation, LLC

Michael Kerley



PRIVATE INVESTIGATION AND FORENSIC RECONSTRUCTION



[CURRICULUM VITAE]

Revised 5/24/2024.

Curriculum Vitae Michael A. Kerley

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Michael A. Kerley

Stidham Reconstruction & Investigation, L.L.C.

Statement of Qualifications

I am an Accident Reconstructionist with Stidham Reconstruction and Investigation LLC. I am also a commercial vehicle safety consultant and a Drug Recognition Expert (DRE)/DUI Instructor. I have been reconstructing accidents and investigating drunk and drugged driving incidents for over 20 years.

I began my career in the U.S. Army as a Military Police officer and assigned to the Traffic Investigations Unit at each assignment, attaining the rank of Sergeant. In the military I also operated several types of military style commercial vehicles, such as a three-quarter ton, one-ton trucks, and High Mobility Multipurpose Wheeled Vehicles (HMMWV). I also operated these vehicles with different types of trailers to include pintail, bumper, and gooseneck hitches.

I first served at Fort Richardson, Alaska where I was assigned to law enforcement duties for the installation. I then transferred to Fort Lewis, Washington where I served as a traffic accident reconstructionist. I later transferred to Camp Hiahleah in Pusan South Korea where I was assigned as the Non-Commissioned Officer In Charge (NCOIC) of the Traffic Investigations Unit for the southern region of South Korea. After completing my tour of service in Korea, I was transferred to Fort Carson, Colorado where I was assigned as a traffic accident reconstructionist and completed my military service.

After my military service was completed, I joined the Denver Police Department in Denver, Colorado. During my career with the Denver Police Department, I was assigned to the Accident/DUI unit and served as an accident reconstructionist and DUI enforcement officer. I later transferred to the Phoenix Police Department and then returned to Colorado as a Colorado State Trooper. As a Colorado State Trooper, I was certified to inspect and enforce the Federal Motor Carrier Safety Administration Rules and Regulations in addition to my other duties.

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I later transferred to the Garden City Police Department in Kansas. During my career with the Garden City Police Department, I obtained the rank of Master Patrol Officer (MPO), Corporal (CPL) and Sergeant (SGT) and oversaw the Motorcycle/Traffic Unit. Beyond my normal duties, I enforced the FMCSA CMV regulations and I also served as a Drug Recognition Expert (DRE) Instructor, Accident

Reconstructionist and police motorcycle instructor. I developed and taught a community outreach program for advanced motorcycle safety riding techniques.

I have also worked as a professor for National American University teaching criminal justice and business courses. I continue to work as an Instructor for the Institute for Police Technology and Management (IPTM) for accident reconstruction courses.

I have several degrees to include an AS in Agricultural Business from Garden City Community; a Bachelor of Science in Criminal Justice from Central Christian College of Kansas; A Masters in Business Administration and a Masters in Management from National American University. I am currently working on finishing my Ph.D. with Waldon University, focusing on the causation of legislation of marijuana efforts on traffic accident fatality increases.

I began my accident reconstruction and DUI training in 1997. I continued with basic collision training with the Washington State Patrol. I then followed that with Advanced and Technical Reconstruction from the Rocky Mountain Institute for Transportation Safety (RMITS) and took these courses again as a Colorado State Trooper. I also have specialized training in Auto vs. Pedestrian reconstruction, Motorcycle Accident reconstruction, and Commercial Motor Vehicle Accident reconstruction. Beyond accident reconstruction, I am also a police RADAR/LIDAR instructor, a Master Instructor for Narcotics Field Testing, and a Drug Recognition Expert (DRE) instructor. I have also been instructing Advanced Roadside Impaired Driving Enforcement (ARIDE) classes, Standardized Field Sobriety Test (SFST's) classes, DRE classes, along with motorcycle training and safety courses for police officers and civilian riders.

I am also an accredited Accident Reconstructionist with the Accreditation Commission for Traffic Accident Reconstruction (ACTAR). I am also a member of the National Association of Profession Accident Reconstruction Specialists (NAPARS) and the Midwest Association of Technical Accident Investigators (MATAI).

I have also been trained and experienced in the Code of Federal Regulations Title 49, for commercial motor vehicle safety and regulatory compliance. I have personally performed hundreds of commercial motor vehicle inspections throughout my career. Please refer to my CV for further information.

Education

GARDEN CITY COMMUNITY COLLEGE | GARDEN CITY, KS

AAS in Agricultural Business

- Graduated with Academic Honors

CENTRAL CHRISTIAN COLLEGE | McPHERSON, KS

Bachelor's Degree in Criminal Justice

NATIONAL AMERICAN UNIVERSITY | RAPID CITY, SD

Masters Degree in Management in Criminal Justice | MM

Masters Degree in Business Administration | MBA

- President's List for the Summer Quarter of 2015
- Dean's List for the Spring Quarter of 2015

WALDEN UNIVERSITY | MINNEAPOLIS, MN

***Current Candidate* – Doctorate in Philosophy in Criminal Justice | Ph.D. (c)**

Law Enforcement Training Academies

UNITED STATES ARMY MILITARY POLICE TRAINING

May 97 – Sept 97

DENVER POLICE DEPARTMENT ACADEMY

Oct 04 – March 05

COLORADO STATE PATROL ACADEMY

July 08 – Dec 08

KANSAS LAW ENFORCEMENT TRAINING CENTER

Feb 12 – Feb 12

Accreditation and Affiliations

ACCREDITATION COMMISSION FOR TRAFFIC ACCIDENT RECONSTRUCTION (ACTAR)

Certificate of Full Accreditation No. 1718

NATIONAL ASSOCIATION OF PROFESSIONAL ACCIDENT RECONSTRUCTION SPECIALISTS (NAPARS)

MIDWEST ASSOCIATION OF TECHNICAL ACCIDENT INVESTIGATORS (MATAI)

SAE INTERNATIONAL

Professional Experience

STIDHAM RECONSTRUCTION & INVESTIGATION

2024–Present

Accident Reconstructionist

- Routinely perform complex analyses including Speed Calculations, Human Factors Elements, Time-Distance, Event Data Recorder (“black box”) Imaging, Energy Damage Profile, Lamp Examinations, Occupant Kinematics, and Video Speed Analysis.
- Serve as an expert for legal matters involving Fatality/Serious Injury Collisions, Passenger Vehicles, Commercial Vehicle Collisions, Pedestrian, Motorcycle, and Bicycle Collisions.

KERLEY RECONSTRUCTION

2024–Present

Owner | Accident Reconstructionist

- Routinely perform complex analyses including Speed Calculations, Human Factors Elements, Time-Distance, Event Data Recorder (“black box”) Imaging, Energy Damage Profile, Lamp Examinations, Occupant Kinematics, and Video Speed Analysis.
- Serve as an expert for legal matters involving Fatality/Serious Injury Collisions, Passenger Vehicles, Commercial Vehicle Collisions, Pedestrian, Motorcycle, and Bicycle Collisions.

UNIVERSITY OF NORTH FLORIDA INSTITUTE OF POLICE TECHNOLOGY AND MANAGEMENT (IPTM)

2022–Present

Adjunct Instructor

Advanced Accident Reconstruction Courses

Instruct advanced accident reconstruction courses.

Traffic Crash Reconstruction

Traffic Crash Reconstruction – Level II

JACKSON RECONSTRUCTION

2021–2024

Accident Reconstructionist

- Routinely perform complex analyses including Speed Calculations, Human Factors Elements, Time-Distance, Event Data Recorder (“black box”) Imaging, Energy Damage Profile, Lamp Examinations, Occupant Kinematics, and Video Speed Analysis.
- Serve as an expert for legal matters involving Fatality/Serious Injury Collisions, Passenger Vehicles, Commercial Vehicle Collisions, Pedestrian, Motorcycle, and Bicycle Collisions.

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GARDEN CITY POLICE DEPARTMENT

2011–2021

Officer | Master Patrol Officer | Corporal | Sergeant

Drug Recognition Expert - Instructor | Police Motorcycle - Instructor | Accident Reconstructionist

Investigated all types of calls to include homicide, vehicular assault, domestic violence, and accident investigations. Served as the department's Commercial Vehicle Safety (CVSA) DOT Inspector, Accident Reconstructionist, Motorcycle Instructor, Drug Recognition Expert Instructor, Radar and Lidar Instructor, and Standardized Field Sobriety Test Instructor.

Completed vehicle and motorcycle purchasing bids and some budgeting experience with the motorcycle unit. Obtained numerous grants through the Kansas Department of Transportation (KDOT) to purchase items such as a Total Station, Event Data Recorder and Portable Breath Test units. Also set motorcycle unit goals for the reduction in collisions through effective traffic enforcement to help achieve the department's overall goals set by the Chief of Police. Also designed and implemented a Civilian Motorcycle Safety Course to work with the citizens to lower the motorcycle accident rate. Instructed police and civilian motorcycle courses. Instructed accident investigation and reconstruction courses to officers.

- Instructed officers from around the United States, focusing on Kansas officers, certifying them as Drug Recognition Experts (DRE's) with the State of Kansas and the International Association of Chiefs of Police (IACP).
- Nominated as Officer of the Quarter Dec. 2011. Officer of the Quarter for the third quarter of 2017.
- Recognized as the Top Drug Recognition Expert in the State of Kansas for the years 2015 and 2016.
- MADD Law Enforcement Hero for the State of Kansas in 2017.

NATIONAL AMERICAN UNIVERSITY

2017–2021

University Professor

Business Management | Criminal Justice

Instructed numerous bachelor level classes that covered Business Management and Criminal Justice topics.

- Mentored students to achieve their educational goals. Drafted all the class exams and research papers that the students needed to complete. This was for the on-ground campus and utilized the online campus during other classes as a tool for the students to help them complete their work.

COLORADO STATE PATROL

2008 – 2011

State Trooper

State Trooper – Clear Creek and Summit Counties | Accident Reconstructionist

Investigated all types of calls to include homicide, vehicular assault, domestic violence, and accident investigations. Served as a Commercial Vehicle Safety (CVSA) DOT Inspector, Accident Reconstructionist, and Radar and Lidar Instructor. Recognized several times with Awards of Excellence and High Achievement Awards. Instructed Radar/Lidar and accident investigations to Troopers.

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PHOENIX POLICE DEPARTMENT

2007 – 2008

Police Officer

Accident Reconstructionist

Investigated all types of calls to include homicide, vehicular assault, domestic violence, and accident investigations. Served as the department's Accident Reconstructionist, and Radar and Lidar Instructor.

DENVER POLICE DEPARTMENT

2004 – 2007

Police Officer

Accident Reconstructionist

Investigated all types of calls to include homicide, vehicular assault, domestic violence, and accident investigations. Served as an Accident Reconstructionist, DUI Enforcement Officer, and Radar and Lidar Instructor.

- Assigned to the Traffic Operations Bureau as an Accident / DUI Car on 8-16-06.
- Revised the Department's RADAR and LIDAR Program to include tests, manuals and completed a new database tracking the certification of officers and when they need to recertify.

UNITED STATES ARMY

Fort Richardson, Alaska | 1997 – 2000

Fort Lewis, Washington | 2000 – 2002

Camp Hialeah, Pusan South Korea | 2002 – 2003

Fort Carson, Colorado | 2003 – 2004

Sergeant – Military Police Officer

Non-Commissioned Officer in Charge of Traffic Operations | Accident Reconstructionist

Investigated all types of calls to include homicide, vehicular assault, domestic violence, and accident investigations. Served as the Office of the Provost Marshal's Accident Reconstructionist, and Radar and Lidar Instructor.

Completed some budgeting experience with the Traffic Accident Investigations unit. Obtained several grants through the Colorado Department of Transportation (KDOT) to purchase items such as traffic cones and Portable Breath Test units. Also set unit goals for the reduction in collisions through effective traffic enforcement to help achieve the Army's overall goals of safety.

Completed some budgeting experience with the Traffic Accident Investigations unit. Helped set unit goals for the reduction in collisions for 260 square miles of the southern Korean Peninsula that I was assigned to respond to for collisions involving government equipment and/or soldiers.

- Tracked all the citations issued by other military police officers and worked with the Central Violations Bureau in the collection of payments and/or issuance of court dates.
- Liaison with local law enforcement agencies on joint traffic accident fatalities involving soldiers on and off the military base.

Relevant Education and Training

- Response to Motor Vehicle Accidents | October 23, 1997
- DWI Detection and SFST | November 26, 1997
- Master Instructor for Narcotics Field Testing | July 12, 1997
- Police Traffic Radar Operator | February 26, 1998
- Basic Collision Investigations | December 11, 2001
- US Army Primary Leadership Development (PLDC) Course | February 1, 2002
- Standardized Field Sobriety Tests (SFST's) | March 27, 2002
- Drug Abuse Resistance Education (DARE) | April 4, 2003
- Aggressive Driving Instructor | October 20, 2002
- Traffic Radar Operator | January 20, 2004
- Traffic Lidar Operator | January 20, 2004
- Traffic Radar Instructor | April 15, 2004
- Traffic Lidar Instructor | April 15, 2004
- Motorcycle Accident Reconstruction | May 26, 2004
- Advanced Technical Accident Investigation – Level II | August 20, 2004
- Traffic Accident Reconstruction – Level III | September 3, 2004
- Advanced Auto/Pedestrian Crash Investigations | September 22, 2005
- Standardized Field Sobriety Tests (SFST's) | March 23, 2005
- Crisis Intervention Training | October 28, 2005
- Standardized Field Sobriety Tests (SFST's) | December 4, 2008
- Police Radar Operator | February 6, 2009
- Commercial Vehicle Safety – Level III | December 12, 2008
- Advanced Technical Accident Investigation – Level II | August 21, 2009
- 3-Day Pursuit School | June 30, 2010
- Leadership Through Communication | November 11, 2009
- Traffic Accident Reconstruction – Level III | November 5, 2010
- Reid Interview and Interrogation | December 2, 2010
- Advanced Roadside Impaired Driving Enforcement (ARIDE) | April 5, 2011
- Commercial Vehicle Safety – Level I | April 20, 2012
- Basic Police Motorcycle School | May 18, 2012
- Commercial Vehicle Interdiction | February 14, 2013
- IACP Preliminary DRE Course | April 3, 2013

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- Drug Recognition Expert (DRE) | May 2, 2013
- SFST Instructor | August 6, 2014
- Police Motorcycle Instructor | April 24, 2015
- Finding the Leader in You | January 22, 2016
- FARO Crash Scene Reconstruction | June 30, 2016
- LTI Mapping Course | July 12, 2016
- Drug Recognition Expert (DRE) Instructor | June 1, 2017
- Commercial Vehicle Crash Reconstruction | July 14, 2017
- Crash Data Retrieval (CDR) Technician | August 26, 2017
- Event Data Recorder (EDR) Use in Crash Reconstruction – Level I | August 25, 2017
- Police Field Training Officer (FTO) | May 4, 2018
- Introduction to Supervision | September 12, 2018
- Event Data Recorder (EDR) Use in Crash Reconstruction – Level II | February 28, 2020
- Master Public Information Officer (PIO) | October 22, 2020
- K9 Unit Management and Supervision | February 14, 2020
- Intelligence Lead Policing | May 14, 2021
- UAV's in Accident Reconstruction | February 25, 2021
- Microsoft Excel for Traffic Accident Reconstruction | February 22, 2022
- Advanced Tire Fire and Analysis | February 8, 2022
- Heavy Vehicle EDR Technician & Analyst Course | September 8, 2022
- Berla Vehicle Forensics Course | November 4, 2022
- Certified Vehicle System Forensics Operator | November 7, 2022
- Certified Vehicle System Forensics Technician | November 7, 2022
- Certified Vehicle System Forensics Examiner | November 7, 2022
- Advanced Motorcycle Crash Analysis | May 18, 2023
- Recon 3D Training Course | November 11, 2023

Conferences and Seminars

2015 Southwest Police Motorcycle Skills Training and Competition | Phoenix Police Department
Phoenix, AZ | April 2015 **1ST Place Victory Team & 1ST Place Victory Pair Ride**

2016 Southwest Police Motorcycle Skills Training and Competition | Tucson Police Department
Tucson, AZ | April 2016 **2ND Place Team Ride**

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2016 International Association of Chiefs of Police (IACP) | Drug Recognition Expert (DRE) Conference
Denver, CO| August 13-15, 2016

2016 Drugged Driving Summit | Presented by AAA
Wichita, KS| October 23-24, 2016

2017 Joint Prosecutor & Law Enforcement Officer Impaired Driving Seminar | Kansas Highway Patrol (KHP)
Wichita, KS

2017 River City Police Motorcycle Skills Training and Competition | Blue Knights
Omaha, NE| July 29-30, 2017

2018 International Association of Chiefs of Police (IACP) | Drug Recognition Expert (DRE) Conference
Nashville, TN| August 13-15, 2018

2024 Symposium on EDR Research and Training | National Association of Professional Accident Reconstruction Specialists (NAPARS)
Oklahoma City, OK| April 8-12, 2024

Awards

- US Army Certificate of Achievement | July 11, 1997
- US Army Certificate of Achievement | February 4, 2000
- US Army Certificate of Achievement | February 4, 2000
- US Army Good Conduct Medal | September 13, 2000
- US Army Achievement Medal | September 26, 2000
- US Army Good Conduct Medal | June 18, 2003
- US Army Achievement Medal | December 31, 2001
- US Army Achievement Medal | November 15, 2002
- US Army Achievement Medal | May 3, 2004
- US Army Commendation Medal | December 16, 2003
- US Army Commendation Medal | October 23, 2004
- Denver Police Department Service Award | April 2005
- Phoenix Police Department Commendation Award | September 13, 2007
- Phoenix Police Department Commendation Award | February 13, 2008
- Phoenix Police Department Commendation Award | February 19, 2008
- Colorado State Patrol High Achievement Award | August 29, 2008
- Colorado State Patrol High Achievement Award | October 1, 2008

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- Colorado State Patrol High Achievement Award | February 25, 2009
- Colorado State Patrol Award for Excellence | March 1, 2010
- Garden City Police Department Meritorious Service Award | January 3, 2013
- Drug Enforcement Administration (DEA) Certificate of Appreciation | January 30, 2015
- Top Drug Recognition Expert (DRE) in Kansas for 2015 | KHP
- Top Drug Recognition Expert (DRE) in Kansas for 2016 | KHP
- Kansas MADD Law Enforcement Hero for 2017
- Garden City Police Department Employee of the Quarter | October 22, 2017