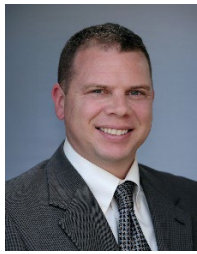


Curtis M. Haberlach



16012 Metcalf, Suite 300
Overland Park, Kansas 66085-8960

chaberlach@rsmck.com

O: (913) 851-5831

F: (913) 851-5832

Experience:

8/1996 to 4/2004 **United States Marine Corps**

Staff Sergeant

- Computer programmer for Defense Finance and Accounting Service KC, MO
- Security Forces Cadre Instructor Keflavik, Iceland
- Security Forces Training Company Cadre Trainer, Chief Instructor

4/2004 to 3/2010 **Kansas City, MO Police Department**

7/2013 to 7/2014 Police officer & Detective

- Patrol officer
- Detective intelligence analyst, Perpetrator Information Center
- Metropolitan Major Case Squad

3/2010 to 7/2013 **Everett, WA Police Department**

7/2014 to 7/2018 Police Officer & Detective

- Patrol officer
- Patrol traffic officer
- Traffic Detective, collision reconstructionist

8/2018 to present **McKinzie & Associates**

Staff reconstructionist

Policy statement: McKinzie & Associates is dedicated to providing an accurate technical analysis of motor vehicle collisions, based on credible data. The most modern techniques in accident reconstruction; Crash Data Retrieval System, Heavy Truck ECM image and analysis, Total Station Forensic Mapping, Laser Scanning, UAS Systems, Computer aided drafting, Crash 3, Virtual Crash Simulations, Rectec, VC4000DA-DX dynamometer data acquisition performance computer, Stalker Radar, Performance Time Traps and the Gooch C.V. Brake analyzer are utilized to document evidence and substantiate the case. Finally, a professional courtroom presentation can include simple to understand analysis of the collision and reconstruction process, color scale drawings, or real time animation.

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Education:

2023 Associate in Engineering with Honors Metropolitan Community College, Kansas City, MO

Training:

2004 Basic Law Enforcement Academy • 1024 hours Police academy, Kansas City, MO

2006 Crime scene processing • 40 hours Police academy, Kansas City, MO

2008 Foundations of intelligence analysis • 40 hours Kansas City, MO

2008 Metropolitan major case squad school • 24 hours Kansas City, MO

2010 Washington Lateral Officer Academy • 80 hours WSCJTC, Burien, WA

2011 Basic collision investigation • 40 hours Marysville, WA

2011 Advanced Roadside Impaired Driving Enforcement • 16 hours Marysville, WA

2011 Radar/Lidar operator • 16 hours Everett, WA

2012 WA State DUI symposium • 24 hours Bellevue, WA

2012 Arresting communication • 8 hours WSCJTC, Burien, WA

2012 Reading body language • 8 hours Arlington, WA

2012 Advanced collision investigation • 80 hours Seattle, WA

2013 Distracted driving and cell phones • 8 hours Police academy, Kansas City, MO

2015 Bosch CDR technician • 16 hours Kent, WA

2015 Technical collision investigation • 120 hours WSP Academy, Shelton, WA

2015 Child Passenger Safety Seat Technician • 32 hours Everett, WA

2015 Detective and criminal investigator • 40 hours WSCJTC, Burien, WA

Training (cont.):

2016	Washington Association of Technical Accident Investigators Spring Conference <ul style="list-style-type: none">• 16 hours	WSCJTC, Burien, WA
2016	Reconstruction collision investigation <ul style="list-style-type: none">• 160 hours	WSP Academy, Shelton, WA
2016	Reid technique of interview and interrogation (and advanced) <ul style="list-style-type: none">• 32 hours	Marysville, WA
2017	Pedestrian and bicycle collision reconstruction <ul style="list-style-type: none">• 40 hours	WSCJTC, Burien, WA
2017	EDR use in collision reconstruction <ul style="list-style-type: none">• 40 hours	WSCJTC, Burien, WA
2017	Total station <ul style="list-style-type: none">• 40 hours	Everett, WA
2017	2D and 3D basic and advanced diagramming <ul style="list-style-type: none">• 40 hours	Everett, WA
2017	Washington Association of Technical Accident Investigators Spring Conference <ul style="list-style-type: none">• 16 hours	WSCJTC, Burien, WA
2017	Washington Association of Technical Accident Investigators Fall Conference <ul style="list-style-type: none">• 16 hours	WSCJTC, Burien, WA
2018	Washington Association of Technical Accident Investigators Spring Conference <ul style="list-style-type: none">• 16 hours	WSCJTC, Burien, WA
2018	Illinois Association of Technical Accident Investigators Annual Conference <ul style="list-style-type: none">• 24 hours	Springfield, IL
2018	Forensic Mapping, Evidence Recorder, IMS Map360 <ul style="list-style-type: none">• 40 hours	Kansas City, KS
2021	Heavy Vehicle Event Data Recorder Use in Crash Investigation <ul style="list-style-type: none">• 38 hours	Oklahoma City, OK
2022	Heavy Vehicle Bendix Pro Software <ul style="list-style-type: none">• 2 hours	Virtual
2022	Vehicle Spin Analysis <ul style="list-style-type: none">• 2 hours	Virtual
2022	Vehicle Dynamics <ul style="list-style-type: none">• 2 hours	Virtual
2023	EDR update <ul style="list-style-type: none">• 2 hours	Virtual

Training (cont.):

2023	Aerial Photogrammetry for Crash Reconstruction <ul style="list-style-type: none">• 2 hours	Virtual
2023	National Traffic Incident Management Responder Training <ul style="list-style-type: none">• 4 hours	Leawood, KS
2023	Human Factors <ul style="list-style-type: none">• 2 hours	Virtual
2023	Video analysis <ul style="list-style-type: none">• 2 hours	Virtual
2023	Heavy Vehicle Event Data Recorder Update <ul style="list-style-type: none">• 2 hours	Virtual
2023	Input-Ace Workflows & Technical considerations, reports & demonstratives <ul style="list-style-type: none">• 8 hours	Virtual
2023	Heavy Vehicle Collision Mitigation Systems <ul style="list-style-type: none">• 2 hours	Virtual
2023	Evaluating Red Light Running Cases <ul style="list-style-type: none">• 2 hours	Virtual
2023	Monte Carlo with Excel for Reconstruction <ul style="list-style-type: none">• 2 hours	Virtual
2024	Nighttime crash scene investigation <ul style="list-style-type: none">• 2 hours	Virtual
2024	Determining speed from recorded audio <ul style="list-style-type: none">• 2 hours	Virtual
2024	Cloud Compare <ul style="list-style-type: none">• 8 hours	Virtual

Expert witness appearances:

2023 Jackson County Missouri Circuit Court
Confidential arbitration
Hon. Rich McLeod

2023 Johnson County Kansas District Court
Martella v Gibson
Hon. Catherine Triplett

2020 Dallas County Missouri Circuit Court
Wells v State Farm
Hon. Michael Hendrickson

Depositions list:

2023 Jackson County Missouri Circuit Court
Rojas v City of Kansas City, Missouri

2023 Boone County Missouri Circuit Court
Hilton v Beyond Meat

2023 Henry County Missouri Circuit Court at Clinton
Weaver v Stone and Weaver

2023 United States District Court Western Division
Saia Motor Freight Line v Unique Transport Services et al

2023 Jackson County Missouri at Independence Circuit Court
Starr v Donaho et al

2023 Jackson County Missouri at Independence Circuit Court
Olson v Garozzo

2022 Johnson County Kansas District Court
Martella v Gibson

2022 Jackson County Missouri at Independence Circuit Court
Lee v Schuetz

2021 Jackson County Missouri Circuit Court
Thompson et al v City of Kansas City, Missouri et al

2021 Clay County Missouri Circuit Court
McConnell v Allender

2021 Bates County Missouri Circuit Court
Brawley v Elkhart Township and Burch

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Depositions (cont.):

2020 Nodaway County Missouri Circuit Court
Kirk v Wawrzyniak

2020 Jackson County Missouri District Court
Keehn v Roberts

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Professional:

- 2015, granted membership, Washington Association of Technical Accident Investigators
- 2015, certified as Child Passenger Safety Seat Technician
- 2019, 2021, Assistant Instructor, Forensic Mapping, Overland Park Police Department, Overland Park, Kansas
- Accredited accident reconstructionist, Accreditation Commission for Traffic Accident Reconstruction, registration number 3544
- Licensed private investigator, state of Kansas number D-5943
- Axon Investigate Certified Examiner
- Certified Remote Pilot, Small Unmanned Aircraft System, number 4177058
- Boating safety education certificate, Washington and Missouri
- Member, Illinois Association of Technical Accident Investigators
- Member, National Association of Professional Accident Reconstruction Specialists



Rate Schedule:

Hourly while engaged in reconstruction, deposition or trial is \$ 285.00.

Invoiced on tenths of the hour.

Plus mileage at \$2.00 per mile commercial or \$1.00 non-commercial.

General Aviation aircraft invoiced at aircraft type rate includes fuel

Commercial Airfare and lodging billed @ actual cost, plus \$75.00 per quarter day per-diem.

Accounts are invoiced at months end, payable upon receipt.

All accounts 60 days past due are subject to interest on the unpaid balance of 18% apr.