

Curriculum Vitae



J. Heath Stewart
Impact Collision Analysis, LLC
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Overview

Mr. Stewart is the owner and founder of Impact Collision Analysis, LLC, an expert witness firm located in northwest Georgia specializing in collision investigation and reconstruction. Impact Collision Analysis provides collision consulting, investigation, and reconstruction services in civil matters for attorneys and insurance companies, both plaintiff and defense.

Mr. Stewart began his career over 20 years ago with the Georgia State Patrol. He trained in collision reconstruction at the Georgia Public Safety Training Center then received advanced training once becoming a member of the Georgia State Patrol's Specialized Collision Reconstruction Team (S.C.R.T.). In addition to the specialized training in the field of collision reconstruction received during his time as a state trooper, Mr. Stewart is ACTAR accredited and holds a Bachelor of Science in Mechanical Engineering degree and an Associate of Applied Science degree. His areas of expertise include forensic mapping, Bosch Crash Data Retrieval & Analyst, heavy truck data retrieval, automotive crash reconstruction, commercial vehicle reconstruction, motorcycle reconstruction, and bicycle/pedestrian reconstruction.

Education

University of Tennessee at Chattanooga, Chattanooga, TN Bachelor of Science in Mechanical Engineering <i>Magna cum Laude</i>	December 2015
Chattanooga State Community College, Chattanooga, TN Associate of Applied Science – General Engineering Concentration <i>Magna cum Laude</i>	May 2013
Dalton State College, Dalton, GA Transferred to Chattanooga State Community College	1994-2011
Georgia Public Safety Training Center, Forsyth, GA Georgia State Patrol 75 th Trooper School	January 2000
Gordon Lee Memorial High School, Chickamauga GA	May 1993

Employment

Ringgold Police Department
Ringgold, Georgia
Sergeant (Part-time)
2011 - Present

Assists the city of Ringgold with collision investigations, training, special details, and occasionally regular patrol.

Impact Collision Analysis, LLC
Ringgold, Georgia
Principal / Senior Reconstructionist
2006 - Present

Provides expert witness services, consulting, and collision reconstruction for attorneys and insurance companies. Has provided services for over 500 civil matters since 2006.

Georgia State Patrol
Atlanta, Georgia
Trooper First Class
1997 - 2007

Began in 1997 as a Radio Operator in Madison, Georgia, typing and reviewing crash reports, as well as, dispatching troopers. Promoted to Cadet in 1999 and entered trooper school. Assigned to Cartersville as a trooper performing traffic enforcement and collision investigation. Assigned to SCRT 1 (Calhoun) in 2002, which is the division of GSP that investigates, reconstructs, and prosecutes vehicular homicide cases.

Astec Industries
Chattanooga, TN
Engineering Assistant
1995 - 1997

Served as an assistant to the engineers in the research and development department. Duties included drafting, design, and field testing new equipment.

Experience

- Investigated over 480 collisions, minor to fatal, as a State Trooper in northwest Georgia
- Responded to, processed, and assisted in the investigation of over 260 fatal collisions as a member of the Specialized Collision Reconstruction Team
- Assigned as the lead investigator on 45 homicide by vehicle cases while a member of SCRT
- Responsible for the processing and investigation of the northbound side of I-75, in Catoosa County, of the fog induced collision involving 84 vehicles and 5 fatalities
- Assisted the Georgia Bureau of Investigation in the investigation of the Tri-State Crematory incident in 2003, where over 300 bodies were discovered, by mapping the 16-acre property and evidence in order to produce scale diagrams
- Experience in over 1200 combined law enforcement and civil collisions

Training

▪ Symposium on Traffic Safety, 32 Hours, IPTM-Orlando, FL	05/18
▪ Bendix Safety Solutions, 4 Hours, Atlanta, GA	04/18
▪ Heavy Vehicle EDR/ECM Class, 40 Hours, Birmingham, AL	10/17
▪ Traffic Crash Analysis using Virtual Crash Simulation Software, 24 Hours, Nashville, TN	10/17
▪ Symposium on Traffic Safety, 32 Hours, IPTM-Orlando, FL	05/17
▪ TopCon 3D Laser Scanning w/ScanMaster, 16 Hours, Ringgold, GA	11/16
▪ Digital Forensics of Heavy Vehicle Event Data Recorders, 24 Hours, Univ. of Tulsa	11/14
▪ Estimating Speed Loss from Spin, 2 Hours, GPSTC Online	07/11
▪ ARC-CSI Conference, 28 Hours, Las Vegas, NV	06/10
▪ CDR User's Conference, 20 Hours, Houston, TX	01/09
▪ CDR Technician Instructor Course, 16 Hours, Houston, TX	01/08
▪ CDR User's Conference, 20 Hours, Houston, TX	01/08
▪ Photo Modeler, 24 Hours, Atlanta, GA	11/07
▪ Southeast Collision Reconstruction Conference, 32 Hours, Charleston, SC	07/07
▪ Energy Methods in Collision Reconstruction, 40 Hours, IPTM-GPSTC	02/07
▪ 3D Studio Max Level II, 24 Hours, GPSTC	02/07
▪ 3D Studio Max Level I, 24 Hours, GPSTC	01/07
▪ AutoCAD 2007-3D Modeling, 24 Hours, GPSTC	01/07
▪ CDR Technician/Analyst Course, 40 Hours, APD	12/06
▪ Applied Physics for Collision Investigation, 40 Hours, IPTM-GPSTC	10/06
▪ Forensic Mapping Training, 5 Hours, GPSTC	06/06
▪ Pedestrian/Bicycle Reconstruction, 40 Hours, IPTM-GPSTC	02/06
▪ Commercial Vehicle Accident Reconstruction, 40 Hours, IPTM-GPSTC	10/05
▪ Firearms Training, 8 Hours, Rome P.D.	10/05
▪ Intoximeter Refresher Course, 4 Hours, GPSTC	09/05
▪ Motorcycle Accident Reconstruction, 40 Hours, IPTM-GPSTC	08/05
▪ Crash Data Retrieval Tool User, 24 Hours, GPSTC	10/04
▪ Georgia State Patrol In-service, 24 Hours, GPSTC	10/04

▪ Georgia State Patrol In-service, 5 Hours, GPSTC	09/04
▪ G8 Protective Operations, 6 Hours, GPSTC	05/04
▪ Mobile Field Force Basic Course, 33 Hours, GPSTC	04/04
▪ Georgia State Patrol In-service, 3 Hours, GPSTC	04/04
▪ Evidence Presentation, 16 Hours, GPSTC	11/03
▪ P.O.S.T. Instructor Training, 80 Hours, GPSTC	10/03
▪ Georgia State Patrol In-service, 5 Hours, GPSTC	09/03
▪ Michelin Tire Damage Analysis Course, 8 Hours, GPSTC	08/03
▪ Judgmental Shooting Simulator Training, 1 Hours, GPSTC	07/03
▪ Crash Zone C.A.D., 12 Hours, GPSTC	07/03
▪ South Carolina Association of Reconstruction Specialist Seminar, 40 Hours, Charleston, SC	07/03
▪ Photography for Criminal Investigation, 40 Hours, GPSTC	06/03
▪ Driver Simulator Training, 2 Hours, GPSTC	05/03
▪ Georgia State Patrol In-service, 16 Hours, GPSTC	02/03
▪ RADAR Recertification, 4 Hours, GPSTC	02/03
▪ Interviews and Interrogations, 40 Hours, GPSTC	01/03
▪ Georgia State Patrol In-service, 4 Hours, GPSTC	10/02
▪ Southeastern Accident Reconstruction Conference Seminar, 40 Hours, Orange Beach, AL	08/02
▪ Traffic Accident Reconstruction Level V, 40 Hours, GPSTC	05/02
▪ Legal Update, 2 Hours, GPSTC	04/02
▪ Traffic Accident Reconstruction Level IV, 40 Hours, GPSTC	04/02
▪ Forensic Mapping, 40 Hours, SCRT1	03/02
▪ Traffic Accident Reconstruction Level III, 40 Hours, GPSTC	02/02
▪ Georgia State Patrol In-service, 16 Hours, GPSTC	01/02
▪ Georgia State Patrol In-service, 4 Hours, GPSTC	12/01
▪ Traffic Accident Reconstruction Level II, 24 Hours, GPSTC	11/01
▪ Time/Distance RADAR Function, 4 Hours, Dade County	10/01
▪ Intoximeter Refresher Course, 4 Hours, GPSTC	09/01
▪ Traffic Accident Reconstruction Level I, 40 Hours, GPSTC	08/01

▪ EDST Operator Training Course, 8 Hours, Dade County	04/01
▪ Commercial Vehicle Interdiction, 2 Hours, GPSTC	03/01
▪ Georgia State Patrol In-service, 16 Hours, GPSTC	02/01
▪ Georgia State Patrol In-service, 4 Hours, GPSTC	10/00
▪ LASER Operator, 8 Hours, Whitfield County S.O.	06/00
▪ Georgia State Patrol In-service, 20 Hours, GPSTC	03/00
▪ Seventy-Fifth Trooper School, 1399 Hours, GPSTC	01/00
▪ Pursuit Driving, 24 Hours, GPSTC	09/99
▪ Drugs That Impair Driving, 8 Hours, GPSTC	09/99
▪ Standardized Field Sobriety Course, 30 Hours, GPSTC	09/99
▪ Courtroom Testimony and Demeanor, 16 Hours, GPSTC	09/99
▪ Hazardous Materials Awareness, 8 Hours, GPSTC	08/99
▪ Intoximeter Model 5000 Certification Course, 16 Hours, GPSTC	08/99
▪ RADAR Operator, 16 Hours, GPSTC	08/99
▪ On-Scene Accident Investigation Level II, 40 Hours, GPSTC	08/99
▪ On-Scene Accident Investigation Level I, 80 Hours, GPSTC	07/99
▪ Robbery, 6 Hours, GPSTC	02/99

Total Training Hours: 3,001

Teaching

- On-Scene Level 2 – Cave Springs Police Academy
- Practical Applications for Physics – Gordon Lee High School
- CDR Technician – Fort Oglethorpe Police Department
- “The After, After Party” – Lakeview-Fort Oglethorpe High School Mock Crash / Prom Awareness
- Forensic Mapping Specialist – Ringgold Police Department

Honors and Awards

- Tau Beta Pi, Engineering Honor Society – 2015
- Commissioner’s Accommodation Award – 2007

- Operation Drive Smart of Georgia Award – 2006
- National Crime Victim’s Rights Award – 2004
- State of Georgia Team Award – 2003
- Highest Academic Average Award, 75th Trooper School – 2000

Certifications

- Accreditation Commission for Traffic Accident Reconstruction (ACTAR) #3289
- Basic Peace Officer
- RADAR Operator
- LASER Operator
- Georgia P.O.S.T. Certified – General Instructor
- Forensic Mapping Specialist
- Bosch Crash Data Retrieval System – Technician
- Bosch Crash Data Retrieval System - Analyst

Professional Societies

- Southeast Accident Reconstruction Society (SeARS)
- South Carolina Association of Reconstruction Specialists (SCARS)
- International Network of Collision Reconstructionists
- National Association of Professional Accident Reconstruction Specialists (NAPARS)
- Professional Society of Forensic Mapping Specialists
- CDR User’s Group

Expert Deposition Testimony

<u>Douglas County</u> Plaintiff	<i>Henderson v. Garba</i> Attorney: Sean Campbell	2018
<u>Fulton County</u> Plaintiff	<i>Kendrick v. Segan</i> Attorney: Aaron Marks	2017
<u>Liberty County</u> Plaintiff	<i>Moore v. Eduardo Dominquez, et. al.,</i> Attorney: Gerald Edenfield	2017
<u>Clarke County</u> Civil Defense	<i>King v. Wise, VELSTAR Medical Transportation, INC.</i> Attorney: Matthew Stone	2017
<u>Fulton County</u> Plaintiff	<i>Toomey v. Lopez; Highway Transport Chemical</i> Attorney: Bruce Millar	2017
<u>US NORTHERN DISTRICT OF GEORGIA</u> Plaintiff	Atlanta Division <i>Dunham v. Heartland Express, INC.</i> Attorney: Daniel Prieto	2016
<u>Baker County</u> Plaintiff	<i>Kirkland v. Watson Used Cars, LLC</i> Attorney: Adam Malone	2016
<u>US NORTHERN DISTRICT OF GEORGIA</u> Civil Defense	Atlanta Division <i>Sullivan v. North American Transport Services</i> Attorney: Matthew Stone	2016
<u>Fulton County</u> Plaintiff	<i>Leroy Henry v. John Pak & Seven Lamps LLC</i> Attorney: Eric Rogers	2016
<u>US EASTERN DISTRICT OF TENNESSEE (2 of 2)</u> Plaintiff	Greenville Division <i>Bautista v. Fleetwood & Childers</i> Attorney: Matthew Long	2015
<u>Franklin County</u> Civil Defense	<i>Christopher Vanness v. Smiths Trucking</i> Attorney: Matthew Stone	2015

	Greenville Division	
<u>US EASTERN DISTRICT OF TENNESSEE (1 of 2)</u>		2015
Plaintiff	<i>Bautista v. Fleetwood & Childers</i> Attorney: Matthew Long	
<u>Dekalb County</u>	<i>Beatriz Santamaria v. Volunteer Trucking Inc.</i>	2015
Civil Defense	Attorney: Mitchell Frost	
<u>Troup County</u>	<i>Jeffrey Waldrop v. Manuel Ponce</i>	2014
Plaintiff	Attorney: Edward Piasta	
<u>Carroll County</u>	<i>Bridges v. City of Carrollton</i>	2014
Civil Defense	Attorney: Jeffrey Grate	
<u>Clayton County</u>	<i>Wilson v. Hollman, et al</i>	2014
Plaintiff	Attorney: Derek Mendicino	
<u>Gwinnett County</u>	<i>Adhanome v. Mansilla</i>	2014
Plaintiff	Attorney: Eric Rogers	
<u>US NORTHERN DISTRICT OF GEORGIA</u>	Atlanta Division	2014
Civil Defense	<i>Bajric v. Bramlett</i> Attorney: Chris Harrison	
<u>Habersham County</u>	<i>Jarrells v. Fieldale Farms, et al</i>	2013
Plaintiff	Attorney: Steven Leibel	
<u>Baldwin County</u>	<i>Wood v. Hunter, et al</i>	2013
Plaintiff	Attorney: Caroline Herrington	
<u>McIntosh County</u>	<i>Minnie Evans v. Ross Hauling</i>	2013
Plaintiff	Attorney: Gerald Edenfield	
<u>Gwinnett County</u>	<i>Woods v. Allied Van Lines, et al</i>	2013
Deposed as representative of the Georgia State Patrol		

<u>Fulton County</u> Plaintiff	<i>Jerry Miller v. Mbemba Touray</i> Attorney: Michael Ruppensburg	2013
<u>Henry County</u> Plaintiff	<i>Seyon v. Richard Jossey ATG Transport, et al</i> Attorney: Andy Ausband	2013
<u>Cobb County</u> Civil Defense	<i>Melton v. General Motors, Thornton Chevrolet, et al</i> Attorney: Matthew Stone	2013
<u>Hall County</u> Plaintiff	<i>Delores Shook v. Triple H Transportation, Inc, et al</i> Attorney: Austin Perry	2013
<u>Cobb County</u> Plaintiff	<i>Michael Anthony Boyd v. Georgia Power</i> Attorney: Jeff Yashinsky	2012
<u>Lumpkin County</u> Plaintiff	<i>Teresa Ann Morris v. GA DOT & Lovero</i> Attorney: Adam Malone	2012
<u>Fannin County</u> Plaintiff	<i>Jones v. Black et al</i> Attorney: Steve Leibel	2011
<u>Stephens County</u> Plaintiff	<i>Camp v. Stephens County, et al.</i> Attorney: Wayne Grant	2011
<u>Lee County (AL)</u> Plaintiff	<i>Ndegwa v. Homeland Carriers, INC</i> Attorney: Chris Glover	2011
<u>Cherokee County</u> Plaintiff	<i>Lopez v. DS Waters</i> Attorney: Tommy Malone	2011

Expert Trial Testimony

FEDERAL COURT**Newnan Division**

Plaintiff

Waldrop v. Ponce

Attorney: Edward Piasta

2015

STATE COURT**Coweta County**

Plaintiff

Robertson v. Gauvin

Attorney: Steven J. Newton

2014

STATE COURT**Gwinnett County**

Testified as representative of the Georgia State Patrol

Woods v. Allied Van Lines, et al

2013

STATE COURT**Fulton County**

Plaintiff

Hewlett v. Brown & AstraZeneca

Attorney: Kathy McArthur

2013

STATE COURT**Cobb County**

Plaintiff

Eric Funkhouser v. John Doe

Attorney: Bruce Millar

2011