

Shannon L. Haddox | Senior Forensic Analyst, VAR

2150 Northmont Parkway, Suite F, Duluth, GA, 30024

201-602-6983

shannon.haddox@efiglobal.com

Professional Summary:

Ms. Haddox has thirty-one years experience in mechanical engineering analysis, including component failure analysis, traffic accident reconstruction, and impact biomechanics. She has personally reconstructed over 2000 traffic accidents, involving both private and commercial vehicles, as well as performing hundreds of engineering investigations. She has designed and implemented crash tests for a variety of studies. She is a court-qualified expert witness, and has often served as a guest speaker on engineering and accident reconstruction topics.

- Impact Biomechanics
- Vehicle Accident Reconstruction
- Commercial Vehicle Accident Reconstruction
- Vehicle Component Analysis

Court Qualifications/ Depositions:

Expert Witness: Mechanical Engineering, Accident Reconstruction, Biomechanics; Federal & numerous State and County level courts in Texas, Louisiana, Tennessee, Ohio, West Virginia, Connecticut, New Jersey, Pennsylvania, New York, Massachusetts, Maryland, Georgia, Wisconsin, Arizona, Florida; Supreme Court of Bermuda

Professional Experience:

EFI Global, Senior Forensic Analyst, VAR, 1998 – Present
Billy Cox & Associates, Senior Forensic Analyst, 1997 – 1998
ADTEST Engineering, Inc., Graduate Engineer, 1992 – 1997
Solvay Polymers, Inc., Summer Engineering Intern, 1991
Soltex Polymer Corporation, Summer Engineering Intern, 1990
Rice University, Grader/Teaching Assistant, 1989 – 1992

Specialized Education:

Summer Training Seminar, New York Statewide Traffic Accident Reconstruction Society (NYSTARS), 2008
ARC-CSI Crash Conference, The Accident Reconstruction Network and CSI, 2007
F³T², hosted by Texas Association of Accident Reconstruction Specialists (TAARS), 2006
Winter Training Seminar, NYSTARS, 2006
CDR User Certification Course, Collision Safety Institute (CSI), 2004
NAPARS-NATARI-MATAI-NJAAR Annual Combined Conference, hosted by Maryland Association of Traffic Accident Investigators (MATAI), 2004
Annual Meeting & Fall Seminar, NYSTARS, 2004

Winter Training Seminar, NYSTARS, 2004
ARC-CSI Crash Conference, The Accident Reconstruction Network and CSI, 2003
45th Stapp Car Crash Conference, Society of Automotive Engineers (SAE), 2001
29th International Workshop on Human Subjects in Biomechanical Research, SAE, 2001
World Reconstruction Exposition, hosted by TAARS, 2000
43rd Stapp Car Crash Conference, SAE, 1999
27th International Workshop on Human Subjects in Biomechanical Research, SAE, 1999
Bi-Annual Automotive Engineering Conference, Engineering & Fire Investigations (EFI), 1999
Annual Meeting and Training Seminar, TAARS, 1998
Accident Reconstruction and Biomechanics, International Congress & Exposition, SAE, 1998
Engineering Training on Low Velocity Collisions, Billy Cox & Associates and Biomechanical Research & Testing, 1997
TAARS-SOAR-WATAI Combined Conference, hosted by TAARS, 1997
Spring Training Seminar, TAARS, 1996
Winter Training Seminar, TAARS, 1996
Fall Training Seminar, TAARS, 1995
Advanced Commercial Vehicle Accident Reconstruction, Texas Engineering Extension Service at Texas A&M University, 1995
Commercial Truck Driving, San Jacinto College Central, 1995
Testifying & Consulting Experts Conference, LRP Publications, 1994
TAARS-SOAR-WATAI Combined Conference, hosted by TAARS, 1994
Southeast Texas Fire Investigators Association Training Conference, Texas Engineering Extension Service at Texas A&M University, 1994
Winter Training Seminar, TAARS, 1994
Fall Training Seminar, TAARS, 1993
Accident Reconstruction, Texas Engineering Extension Service at Texas A&M University, 1993
Spring Training Seminar, TAARS, 1993
Winter Training Seminar, TAARS, 1993

Education:

Bachelor of Science, Mechanical Engineering, Rice University, Houston, TX, 1992

Affiliations:

Society of Automotive Engineers (SAE)
National Association of Professional Accident Reconstructionists (NAPARS)

Publications and Presentations:

Haddox, Shannon. "Uses and Limitations of Vehicle Technology in Vehicle Accident Reconstruction"
Vermont Mutual. October 2022

- Haddox, Shannon. "Vehicle Impact Biomechanics & Technology Use in Vehicle Accident Reconstruction" American Family Insurance. December 2023
- Haddox, Shannon. "Driving Safety and the Impact Technology Has on Loss Adjusting" PLRB Technology & Claims Symposium. July 2022
- Haddox, Shannon. "Advanced Impact Biomechanics & Vehicle Damage Analysis" AIG. September 2019
- Haddox, Shannon. "Introduction to Low-Speed Impact Biomechanics" AT&T. July 2019
- Haddox, Shannon. "Advanced Impact Biomechanics & Vehicle Damage Analysis" EFI Global in-house. April 2019
- Haddox, Shannon. "Introduction to Vehicle Accident Reconstruction" & "Use of Automotive Event Data Recorders (EDRs) in Vehicle Accident Reconstruction" USAA. September 2017
- Haddox, Shannon. "The Importance of Vehicle Damage Documentation in Low-Speed Biomechanics" The Harmonie Group. May 2017
- Haddox, Shannon. "Introduction to Low-Speed Impact Biomechanics" American Claims Management, May 2017
- Haddox, Shannon. "Evaluating Vehicle Fraud Indications & Preserving Volatile Evidence" CenterPoint Energy. December 2016
- Haddox, Shannon. "The Science of Biomechanical Issues in Small Impact Cases" The Harmonie Group. June 2016.
- Haddox, Shannon. "Introduction to Slip-and-Fall Analysis" & "Introduction to Low-Speed Impact Biomechanics" AmTrust North America. June 2016.
- Haddox, Shannon. "Advanced Impact Biomechanics & Vehicle Damage Analysis" Auto Owners Insurance. February 2016
- Haddox, Shannon. "Introduction to Slip-and-Fall Analysis" Great American Insurance. October 2015.
- Haddox, Shannon. "Evaluating Vehicle Fraud Indications & Preserving Volatile Evidence." International Association of Special Investigation Units. September, 2015.
- Haddox, Shannon. "Advanced Impact Biomechanics and Vehicle Damage Analysis" USAA. May 2015.
- Haddox, Shannon. "Effective Use of Experts." Carolina Claims Conference. March, 2015.
- Haddox, Shannon. "Introduction to Low Speed Biomechanics" Cincinnati Insurance. September 2014.
- Haddox, Shannon. "Advanced Impact Biomechanics and Vehicle Damage Analysis" Nationwide Insurance. May 2014.
- Haddox, Shannon. "Advanced Impact Biomechanics and Vehicle Damage Analysis" Nationwide Insurance. June 2013.
- Haddox, Shannon. "Introduction to Low Speed Biomechanics" CNA Adjuster Training. May 2012.
- Haddox, Shannon. "Introduction to Slip-and-Fall Analysis" CNA Adjuster Training. September 2011.
- Haddox, Shannon "Advanced Impact Biomechanics" Allied Insurance. April, 2010.
- Haddox, Shannon "Overview of Vehicle Accident Reconstruction and Biomechanics" GAB Robins Adjuster Training. June, 2009.
- Haddox, Shannon. "Accident/Vehicle Photography & Diagramming." GAB Robins Basic Casualty School. June, 2006.
- Haddox, Shannon. "Introduction to Low Speed Impact Biomechanics." General Casualty Insurance. April, 2006.
- Haddox, Shannon. "Research in Low Speed Impact Biomechanics and Evidence Issues in Forensic Analysis." GAB Robins Advanced Adjuster Course. March, 2006.
- Haddox, Shannon. "Evidence Issues in Vehicle Accident Reconstruction and Insurance Fraud Investigation." GAB Robins Advanced Adjuster Course. February, 2005.

- Haddox, Shannon. "The Use of Airbag Sensing Diagnostic Module Data in Accident Reconstruction." International Association of Special Investigation Units. September, 2004.
- Haddox, Shannon. "It's No Accident: Research Illuminates Injuries in Rear-End Collisions." *Claims*. December, 2003.
- Haddox, Shannon. "Research in Low Speed Biomechanics." ACE-SCLA Annual Claims Exposition & Conference. October, 2003.
- Haddox, Shannon. "Introduction to Low Speed Collision Analysis." Iowa Defense Counsel Association Tort & Insurance Law Seminar. April, 2002.
- Haddox, Shannon. "The CYA Commercial Vehicle Series: The Vehicle Inspection." *Accident Alert*. January, 1998.
- Haddox, Shannon. "The CYA Commercial Vehicle Series: Scene Photographs." *Accident Alert*. Fall, 1997.
- Haddox, Shannon. "The Pig Pen School of Vehicle Photography." *Accident Alert*. Spring, 1997.
- Haddox, Shannon. "Vehicle and Scene Photography." Insurance Adjuster's Course. March, 1997.
- Hobbins, Shannon. "Accident Investigation and Reconstruction." Germania Insurance. March, 1994.
- Hobbins, Shannon. "Truck and Trailer Brake Testing: A Forensic Engineering View." Process Plant Safety Symposium. February, 1994.
- Hobbins, Shannon. "Commercial Vehicle Accidents." Dallas Claims Association. February, 1994.
- Hobbins, Shannon & Edward Jensen. "Light Truck and Trailer Brake Efficiency Testing Results." Texas Association of Accident Reconstruction Specialists. September, 1993.
- Hobbins, Shannon & Edward Jensen. "Determination of Trailer Stability." Texas Association of Accident Reconstruction Specialists. May, 1993.