



## EDUCATION

Bachelor of Science, Mechanical Engineering, University of Michigan-Ann Arbor, 1995

Master of Science, Bio-Medical Engineering, Purdue University, 2015

## LICENSES, CERTIFICATIONS, AND ENDORSEMENTS

Professional Engineer in Florida and Michigan

Bosch Crash Data Retrieval Technician and Data Analyst

## PROFESSIONAL ORGANIZATIONS

Committee Member, Underwriters Laboratories (UL) Standards Technical Panel (STP) 2201: Engine, Generator Requirements

Committee Member, American Society for Testing and Materials (ASTM) Technical Committee E58 on Forensic Engineering

Committee Member, ANSI Portable Generator Manufacturers' Association (PGMA) Committee for G300: Safety and Performance of Portable Generators

Member, American Society of Mechanical Engineers (ASME)

Member, American Society of Testing and Materials (ASTM)

Member, American Society of Safety Professionals (ASSP)

Member, Society of Automotive Engineers (SAE)

Member, Michigan Association of Traffic Accident Investigators (MATAI)

## PROFESSIONAL SUMMARY

Bradley is a professional engineer specializing in forensic evaluations involving vehicle accident investigation and reconstruction, industrial and construction workplace accidents, premise liability, and product safety. His formal training in mechanical and bio-medical engineering gives him dual expertise to investigate accidents and the resulting injuries.

Bradley has performed engineering analyses for hundreds of vehicle accident reconstructions including automobiles, motorcycles, pedestrians, bicycles, and heavy commercial vehicles. The cases typically include vehicle and accident scene inspections, collecting crash data retrieval (CDR) or heavy vehicle data, traffic control analysis, performing accident reconstruction analysis, creating a computerized accident reconstruction, preparing expert witness reports for submission in court, and providing deposition and trial testimony.

Bradley has analyzed industrial and construction accidents and injuries with occupational safety and health compliance and evaluation in both general industry and construction to evaluate workplace accidents and injuries with respect to Occupational Safety and Health Administration (OSHA) regulations and industry standards. He has also conducted inspections of general premise liability accidents with respect to applicable building codes and consensual standards. Typical cases have involved slip, trip and falls; automatic door injuries; garage and industrial door failures; parking lot conditions; and stairway falls.

Bradley also has experience providing product safety hazard analysis with respect to consumer products and injuries. He has performed investigations, testing, research, and analysis of consumer product accidents including children toys, children furniture tip-over, outdoor power equipment, and portable power tools.

## PROFESSIONAL EXPERIENCE

KSN Engineering Inc., President, 2004-2019

J.M. Miller Engineering Inc., Managing Engineer, 1999 – 2019

DaimlerChrysler Co., Chassis Product Engineer, 1997- 1999; Production Team Advisor, 1996-1997

## PUBLICATIONS

Wogalter, M.S. Ed. (2019). *Forensic Human Factors and Ergonomics: Case Studies and Analyses*. Boca Raton, FL: Taylor & Francis Group, CRC Press.

Lehto, M.R., Cook, B.T., "Occupational Health and Safety Management," Chapter 25 in *Handbook of Human Factors and Ergonomics*, fourth edition Salvendy, G. (ed), John Wiley & Sons, NY, March 2012.