

CRASH FACTS

PROFESSIONAL TRAFFIC COLLISION RECONSTRUCTION & EXPERT FORENSIC TESTIMONY

William Edmonds, DABFE, BCFE

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CURRICULA VITAE

WILLIAM EDMONDS, DABFE, BCFE

Traffic Collision Reconstruction Expert



PROFESSIONAL EXPERTISE:

FIELD: Traffic Collision Reconstruction, Driving While Intoxicated
FOCUS: Determination of Speeds, Forces, Causation, Equipment Failure, and Injury Analysis

SPECIAL EXPERTISE:

- Major Collisions
- Minor Impact Collisions
- Low Speed Rear Impact Collisions
- Occupant Kinematics
- Safety Belt Restraint Systems
- RADAR (Speed) Surveys

EDUCATION AND CERTIFICATIONS: (Partial)

American College of Forensic Examiners

- Diplomat - American Board of Forensic Examiners - DABFE
- Board Certified Forensic Examiner - BCFE

Northwestern University - Traffic Institute

- Vehicular Homicide & Driving Under the Influence
- Vehicle Dynamics
- Traffic Accident Reconstruction I and II

North Florida University - Institute of Police Technology and Management

- Advanced Traffic Accident Investigation
- Traffic Accident Reconstruction
- Investigation of Seat Belt / Child Seat Restraint Injuries
- Tire Forensics
- Motorcycle Accident Investigation
- Crash Data Recorder (CDR) System - Retrieval Technician

Texas A&M - Texas Engineering Extension Service

- Bio-Mechanics for Traffic Accidents

UC Berkeley

- Fundamentals of Traffic Engineering

U.S. Department of Transportation - National Highway Traffic Safety Administration

- Hazardous Materials Compliance and Enforcement
- Master Instructor - Safety Belt Usage
- Drug Recognition Expert (DRE) Training Course
- Senior Instructor - Drug Recognition Expert (DRE) Training Course

Miscellaneous

State of California - Peace Officers Standards and Training (POST)

- Basic, and Advanced Traffic Accident Investigation / Reconstruction
- Skid Mark Analysis
- Drug Alcohol Recognition Training
- RADAR Enforcement
- 4x4 Off-Road and Specialized Vehicle Operations

PROFESSIONAL HISTORY:

1993 - Present **Forensic consultant:** Experience of over 1500 collision investigations and reconstructions

1995 - 1998 **National Institute of Forensic Studies** - Staff Instructor
Occupant Kinematics and Safety Belt Restraint Systems
Advanced Traffic Collision Reconstruction
Bio-Mechanics of Traffic Collision Injuries

1973 - 1995 **Los Angeles County Sheriff's Department (Retired).** Member of the Traffic Services Detail. Responsible for 24-hour call-out to fatal and serious injury collisions. Instructor at the Sheriff's Training Academy for both Recruit and Advanced Officer Training in all areas of Traffic Investigation and Enforcement. Taught Nationally in the area of Driving While Intoxicated (Alcohol / Drugs) and SFST's for the National Sheriff's Association and NHTSA . Field officer for 10+ years, investigated and/or reviewed in excess of 7000 traffic collisions; issued in excess of 12,000 traffic citations; arrested in excess of 800 Driving Under the Influence of Alcohol and / or Drugs violators. Recipient of the Unit Commanders Citation, Legendary Lawman Award, Exemplary Service Award and Deputy Emeritus Commendation.

PROFESSIONAL ORGANIZATIONS:

- National Association of Professional Accident Reconstruction Specialist (NAPARS)

LITIGATION EXPERIENCE

- Hundreds of trial cases during career with the Los Angeles County Sheriff's Department
- Qualified as a Traffic Collision Reconstruction Expert in Los Angeles, Orange, San Bernardino, and Marin Counties California - Municipal and Superior Courts, as well as Arbitration Level for Defense, Plaintiff and Prosecution
- Qualified as a Traffic Collision Reconstruction Expert in Superior Court - Clark County Nevada - Las Vegas
- Qualified as a Traffic Collision Reconstruction Expert in Superior Court - Mohave County Arizona - Lake Havasu City
- Qualified as a Traffic Collision Reconstruction Expert in Superior Court - Beaumont, TX
- Qualified as a Traffic Collision Reconstruction Expert in Federal Court, Los Angeles, CA
- Qualified as a Driving While Intoxicated Expert in California Municipal and Superior Courts
- Qualified as a Drug Recognition Expert (DRE) in California and Arizona Municipal and Superior Courts

LOW SPEED COLLISION TESTING

- Have personally conducted 48 low speed collisions (ranging from 3 to 6 miles per hour) with human volunteers, no reported injuries.
- However, unless tested individuals fall within the narrow categories set by the tests, there is a potential for injury