

Curriculum Vitae of Jeffrey Williams

FORMAL EDUCATION

- 1992-1994 University of South Florida, School of Mechanical Engineering
1978 University of Dayton, Ohio; Bachelor of Technology
1975-1976 University of Cincinnati, School of Engineering
1973-1975 College of Applied Science, University of Cincinnati, Ohio
Associate of Electrical Engineering Technology

CONTINUING EDUCATION

- 2006 Advanced Origin & Cause Workshop -
Hybrid Vehicles, Boats, Stove & other unique fires
(Florida State Fire College/FACAP)
2003 Fire Origin & Cause seminar, RV fires (PARCO)
2000 WREX2000 World Reconstruction Exposition (TEXAS A&M)
1999 Fire Investigation seminar (PARCO)
1997 STAPP conference (SAE)
1993 Fire Training Program (FACAP/IAAI)
1993 15th Annual Fire & Arson School (IAAI)
1994 Vehicle Fire seminar (IAAI)
1990 Fire Origin & Cause seminar (IAAI), certified by IAAI
1988 Brakes, Design and Safety (SAE)
1986 Fire Scene Evidence Gathering Techniques (PARCO)
1986 Electrical Fire Investigation (University of Wisconsin, Madison)
1985 Technical Accident Investigation (TRAFFIC INSTITUTE)
(Northwestern University, Chicago)
1985 Fire Investigation; Tampa (FACAP)
1983 Arson Investigation Workshop; Fresno City College (CCAI)
1982 Dynamics of Automobiles in Collision (University of California at Northridge)

CAREER HISTORY

- 1989-Present **FACTS** - Tampa, Florida
Fire & Accident Reconstructionist - Vehicular Accident Reconstructions;
Low Impacts; Fire Origin & Cause Determinations;
Product Liability/Failure Analysis
- 1984-1989 Interscience, Inc. - Tampa, Florida
Senior Loss Analyst - Fire Origin & Cause Determinations;
Accident Reconstructions
- 1981-1984 von Haenel & Associates, Inc. - Glendale, California
Accident Reconstruction Engineer - Vehicular Accident Reconstructions;
Failure Analyses; Slip & Fall Testing; Fire Origin & Cause Determinations
- 1980 TRW Systems - Redondo Beach, California Aerospace Test Engineer
1979-1980 General Dynamics - Pomona, California Test Engineer

CASE EXPERIENCE

Fire Origin & Cause Determinations - residential, commercial, vehicular, and marine losses.
Trial experience in fire origin & cause (criminal & civil) in both state (FL & CA) and federal courts

Vehicular Accident Reconstruction, including low impact analyses and mechanical failures.
Trial experience in accident reconstruction (FL)

Product Liability and Subrogation | Failure Analysis | Forensic Photography

Case experience in the following locations: Alabama, California, Florida, Nevada, Louisiana, Georgia, Pennsylvania, Puerto Rico, Guatemala, and the Bahamas.

Case experience in the following subjects:

Accident Reconstructions

Motor vehicle collisions, Suicide collisions, ATV collisions, Low speed and staged impacts, Determining the driver, Pedestrian/motor vehicle collisions, Bicycle/motor vehicle collisions, Motorcycle collisions, Heavy truck collisions, Tire failures, Light filament examination, Safety restraint evaluations, Component failures (brakes, safety restraints, steering, etc.)

Fire Investigations

Commercial structure fires, Residential fires, Motor and electrical vehicle fires, Heavy vehicle (bus, heavy trucks) fires, Personal injury fires, Boat fires (including scuba-aided origin & cause investigations), Mobile home fires, Recreational vehicle fires, Electrical fires, Gas & Vapor explosions

Miscellaneous

Electrocutions, Electrical failures, Lightning, Boat collisions and mishaps, Parasailing mishaps, Mechanical failures, Carbon monoxide poisoning, Workplace machine injuries, Product liability, Underwater photography, Forensic photography, Computer simulation of collisions

Member:

Society of **A**utomotive **E**ngineers
National **A**ssociation of **F**ire **I**nvestigators
International **A**ssociation of **A**rson **I**nvestigators
Florida **A**dvisory **C**ommittee on **A**rson **P**revention
National **A**ssociation of **P**rofessional **A**ccident **R**econstruction **S**pecialists
National **A**ssociation of **T**raffic **A**ccident **R**econstructionists & **I**nvestigators

CASE EXPERIENCE - Fire Investigations

- Commercial structure fires
- Residential fires
- Motor vehicle fires
- Towed vehicle fires
- Personal injury fires
- Boat fires
- (including scuba-aided origin & cause determinations)
- Heavy vehicle (bus, heavy truck) fires
- Mobile home fires
- Recreational vehicle fires
- Electrical fires
- Appliance fires
- Flammable liquid fires
- Gas & vapor explosions

CASE EXPERIENCE - Traffic Accident Reconstruction

- Motor vehicle collisions
- Suicide collisions
- Tire failures
- ATV collisions
- Towed vehicles
- Staged impacts
- Low speed impacts
- Motorcycle collisions
- Heavy truck collisions
- Determining the driver
- Light filament examination
- Bicycle/motor vehicle collisions
- Safety restraint use evaluations
- Pedestrian/motor vehicle collisions
- Accidental carbon monoxide poisoning
- Component failures (brakes, safety restraints, steering, etc)

Miscellaneous

- Electrocutions
- Boat collisions and mishaps
- Lightning
- Parasailing mishaps
- Mechanical failures
- Workplace machine injuries

- Underwater photography
- Forensic and digital photography