

## 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

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