



CURRICULUM VITAE

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EXPERIENCE

1995 to Present - President and Owner of Kodiak Enterprises, Inc., 6204 Constitution Drive, Fort Wayne, IN 46804-1500. Duties include: the investigation and site management of major fires to determine origin and cause; forensic and electrical engineering; case study evaluation of fire investigations for accuracy and competency; training in fire investigation procedures; and consulting on product safety issues.

1991 to 1995 - Senior Investigator for Royal Insurance Company Special Investigations Unit, 9300 Arrowpoint Blvd., Charlotte, North Carolina, 60504. Duties included: the investigation and management of major fire losses to determine origin and cause.

1976 to 1991 - Engineering Laboratory Manager and Forensic Engineer for Barker and Herbert Analytical Laboratories, Inc., 207 Main Street, New Haven, Indiana, 46774. Duties included: determine origin and cause of fires; reconstruct motor vehicle and industrial accidents; assign and manage work load of forensic engineers and fire investigators including training of new employees; work with legal profession in preparing cases and serving as an expert witness in federal and state courts on the determination of origin and cause for fires and reconstruction of accidents; preparing and giving seminars and training programs; and serve as company representative to professional organizations.

1978 to 1981 - Firefighter for the Adams Township Fire Department, 910 Hartzel Road, New Haven, Indiana, 46774. Duties included: instruction and documentation of the training for the station personnel; investigation of fires in the township.

1972 to 1978 - Firefighter and fire investigator for the Saint Joseph Township Volunteer Fire Department 6033 Maplecrest Road, Fort Wayne, Indiana, 46835. Duties included: investigation of fires in the township.

1971 to 1978 - Police Officer for the Allen County Police Department, 12535 Lima Road, Fort Wayne, Indiana. Duties included: investigation of fires in the county.

EDUCATION

- 1988 Bachelor of Science Electrical Engineering Technology, Purdue University
- 1986 Associate of Applied Science Electrical Engineering Technology, Purdue University
- 1977 12-credit hours toward Associate Degree for Fire Science Technology, Indiana University.

AFFILIATIONS

- National Fire Protection Association (NFPA), Past Chairman [1996 – 2008] & Charter member of Technical Committee on Fire Investigations [1984 to present], responsible for NFPA 907M, Manual for the Determination of Electrical Fire Causes, 1988 Edition, and NFPA 921, Guide for Fire and Explosion Investigations, 1992, 1995, 1998, 2001, 2004 & 2008 Editions
- Member: NFPA Research Foundation: Research Advisory Council on Post Fire Analysis: 1999-2002, 2005 - present
- Member: Alcohol Tobacco & Firearms Fire Research Laboratory Partnership Council - 2003 to 2007
- Member: American Society of Testing & Materials (ASTM) E-30 Forensic Science Committee [2005 to present]
- Institute of Electrical & Electronic Engineers (IEEE)
- International Association of Arson Investigators (IAAI): 1975-1999
- Indiana Chapter #14 IAAI - Past President
- National Association of Fire Investigators (NAFI) - Treasurer
- Indiana Arson and Crime Association (IACA) - Past President
- Allen County Fire and Arson Specialized Team - Charter Member
- Phi Theta Kappa and Tau Alpha Pi National Honor Societies

TRAINING

Certified Fire Investigator - International Association of Arson Investigators (1990-1999)
Certified Fire and Explosion Investigator - National Association of Fire Investigators
Attended/lectured at 1000+ hours classroom instruction related to fire investigation

PUBLIC SPEAKING/TEACHING

Lectured in many states and foreign countries on the following aspects of fire investigation:

- NFPA 921: Guide for Fire & Explosion Investigations
- Electrical Theory and Electrical Fire Causes
- Vehicle Fire Investigation
- Origin and Cause Determination
- Fire Behavior and Fire Science
- Field Notes, Photography, Fire Scene Documentation and Interviewing
- Building Construction for the Fire Investigator
- Wood-burning Stove and Fireplace Fire Investigation
- Collection and Handling of Fire Scene Evidence
- OSHA Compliance on the Fire Scene