



## **PAAI ANNUAL TRAINING CONFERENCE** **October 16-18, 2023**

**RAMADA INN STATE COLLEGE, PA**  
**814-238-3001**  
**(PAAI ROOM RATE \$75.00/night + TAXES)**  
Call the hotel to make reservations.

**Monday October 16, 2023**  
**08:00 to 12:00**

### **Residential Electrical Systems and Appliances:** **The NEC and Fire Causation** 4 hours

**Frank Ferrese, PhD, PE**  
**President and Senior Electrical Engineer**  
**FJT Technologies, LLC**

The presentation is a deep dive into the components of typical residential electrical systems, the NEC sections that are pertinent to those components, and electrical ignition scenarios. We will then delve into common household appliances and failures of those appliances that can cause ignition.

**Monday October 16, 2023**  
**13:00 to 17:00**

### **Fatal Fire Investigation** 4 hours

**Raymond Anthony**  
**Retired Chief Deputy Coroner, Lehigh County, Pennsylvania**

This presentation will discuss the interaction, roles, and responsibilities of the different agencies (fire investigative, law enforcement, coroner/medical examiner, and private sector) that are involved in the investigation of fatal fire and explosion incidents. It will also incorporate information contained in the following NFPA 921 chapters: 11- Fire related human behavior; 20- Analyzing the incident for cause and responsibility, 24- Fire and explosion deaths and injuries; 28- Managing complex investigations along with provisions of the PA Coroner law. Case studies will also be presented.



**Tuesday October 17, 2023  
08:00 to 12:00**

**Expert Deposition and Trial Testimony in Fire Litigation**

4 hours

**Attorney Chris Konzelmann and/or Attorney Gus Sara  
White and Williams, LLP**

Fire investigators must be prepared to proffer, credibly and confidently, deposition and trial testimony concerning their qualifications, data collection, scene documentation, methodology, application of accepted principles, and conclusions on area of origin, point of origin, heat source responsible for ignition, and first fuel to burn. This program, for both new and seasoned investigators, will explore the procedural process for eliciting expert testimony. The Program will then discuss proper preparation, qualifications, vulnerabilities, and preventable mistakes that investigators make which can result in preclusion. When the Program is complete, the attendees will fully understand the testimony process and have the tools necessary to testify with confidence.

**Tuesday October 17, 2023  
13:00 to 17:00**

**The Use of Forensic Toxicology in  
Fire Death and Injury Investigation**

4 hours

**Jamie McCallister, C.F.I., P.E., PhD.  
Fire Protection Engineer and Toxicologist, FireTox, LLC**

In this course, attendees will learn about the impact of smoke, toxic gases, and heat on fire victims and different analysis techniques used to predict the time to incapacitation and death of a victim(s). Attendees will also learn about the impact of alcohol and drugs on human behavior in fire, including its impact on awakening to a smoke alarm and decision-making during escape. Attendees will apply this knowledge during classroom case studies and group practical's to better understand the relationship between the origin and cause of a fire and the origin and cause of fire deaths.



**Wednesday October 18, 2023  
08:00 to 12:00**

**The 1995 Bricelyn Street Fire:  
A Case Conclusion after 27 Years**

4 hours

**Matthew Regentin  
Retired ATF Special Agent/CFI**

On Valentine's Day in 1995, a residential fire resulted in the deaths of three Pittsburgh firefighters. The investigation revealed that the fire was intentionally set by an occupant of the residence who conspired with a family member to cause the fire and seek insurance proceeds. The investigation, conducted by ATF and Pittsburgh Police, led to the arrests and convictions of the co-conspirators: a mother who received probation for insurance fraud, and her teenage son, who received three life sentences for the arson and homicide. In 2014, a new trial was ordered, prompting the case to be reopened and a new prosecution pursued. ATF, in conjunction with state and local partners, obtained additional evidence indicating the defendant's guilt. ATF also conducted experiments at its Fire Research Laboratory to test the original origin and cause hypothesis presented at the 1997 trial. This presentation will contain an overall summary of the case progression, with particular emphasis on the modern-day testing conducted at the FRL as a means to test the original origin and cause hypothesis.



## PAAI 2023 Annual Training Conference Schedule

### Sunday October 15, 2023

19:00 PAAI Board of Directors Meeting  
19:00 Hospitality Room Open

### Monday October 16, 2023

07:00 – 08:00 Registration  
08:00 – 08:30 Opening Ceremony/President's Welcome Message/Announcements  
08:30 – 12:00 Classroom Instruction  
12:00 – 13:00 Lunch (Provided)  
13:00 – 17:00 Classroom Instruction  
18:00 IAAI ECT Practicum  
19:00 Hospitality Room Open

### Tuesday October 17, 2023

08:00 – 12:00 Classroom Instruction  
12:00 – 13:00 Lunch (Provided)  
13:00 – 17:00 Classroom Instruction  
18:00 PAAI Annual General Meeting  
Hospitality Room Open after the General Meeting

### Wednesday October 18, 2023

08:00 – 12:00 Classroom Instruction  
12:00 – 12:30 Closing remarks

*Training CEU's 18 Hours (7 hrs. Mon. & Tues. / 4 hrs. Wed.)*

On-line Class Testing will be announced at the start of the seminar



**Cost for the seminar: \$250 for both days**  
**EARLY REGISTRATION AND FEES**  
**POST MARKED BY OCTOBER 01, 2023 - \$225**  
**Individual days - \$100.00/day**

SEND COMPLETED REGISTRATION TO:  
Nancy Love: 585 Firethorn Drive, Monroeville, PA 15146  
[Nancy.Love@AlleghenyCounty.US](mailto:Nancy.Love@AlleghenyCounty.US)

NAME: \_\_\_\_\_ PAAI NO. \_\_\_\_\_  
EMAIL: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
PHONE NO. \_\_\_\_\_  
COMPANY \_\_\_\_\_

\_\_\_ I am attending all three days \$250.00 \$225 early registration

\_\_\_ I wish to attend Monday \$100.00

\_\_\_ I wish to attend Tuesday \$100.00

\_\_\_ I wish to attend Wednesday \$100.00

EARLY REGISTRATION: \$225 POST MARKED BY OCTOBER 01, 2023

CHECK OR MONEY ORDER MADE OUT TO: PAAI –TRAINING

Those wishing to pay by Credit Card please see the PAAI website,  
[PAAI.org](http://PAAI.org), for details.