



PAAI “Jack Christmas” SEMINAR JANUARY 29-30, 2022

**RAMADA INN & CONFERENCE CENTER
1450 S. ATHERTON STREET
STATE COLLEGE, PA 16801
814-238-3001
(PAAI ROOM RATE \$66.00/night + TAXES)
Call the hotel to make reservations**

Saturday January 29, 2022

Cigarettes and Smoking Materials as Ignition Sources

7 hours

**Jonathan Butta, PE Fire Research Engineer
ATF National Laboratory Center Fire Research Laboratory**

This engaging and interactive presentation will provide a review of years of research and data compiled at the ATF Fire Research Laboratory involving cigarettes, cigars, and pipe tobacco as ignition sources. A review of Fire Safe and Non-Fire Safe cigarettes will be included. The varied common first fuels will be analyzed and discussed. The afternoon session will be an interactive session that will include demonstrations, training, and testing with varied types of cigarettes, cigars, and pipe tobacco as ignition sources with the many varied first fuels commonly encountered. Attendees are strongly encouraged to bring cameras to document this testing for their future use.

Sunday January 30, 2022

Investigating Fires Involving Fireplaces, Chimneys, and Fuel Burning Appliances

7 hours

Leo Herrmann Fireplace and Chimney Expert

This course will discuss fires involving Fireplaces, Chimneys, and Fuel burning Appliances. Leo Herrmann has blue-collar, hands-on experience servicing, installing, and troubleshooting these types of systems. This training will involve masonry fireplaces and chimneys, as well as the applicable building codes and standards pertaining to these masonry structures. We will discuss:

Masonry Fireplaces and Chimneys

- Understanding thermal mass of masonry units and clearances surrounding masonry fireplace and chimney structures.



- Understanding normal operation and the heat these appliances produce
- Common deficiencies in construction that result in structure fires
- Fire patterns surrounding these deficiencies

Understanding Factory-built Fireplaces and Chimneys

- How codes and standards define factory-built products and installation procedures
- The listing and testing of these products prior to installation
- The components used in installation and failures when products are not installed as prescribed
- Modifications to these systems that may result in fire
- Fire patterns surrounding installation deficiencies

Fuel burning heating appliance installations and failures resulting from improper installation

- Fire patterns surrounding fuel burning appliances, including solid fuel, gas, and pellet fuel burning appliances from improper installation
- Standards for UL Certification necessary for code compliance
- Appliance chimney connector deficiency

Understanding codes and standards

- NFPA 211 Standards
- Requirements for servicing these appliances
- Requirements for inspecting these appliances before and after the fire

Training CEU's per day 7 Hours

Saturday January 29, 2022

07:30-08:00 – Registration

08:00-08:15 – President Welcome Message

08:15 – 12:15 – Class Instruction

12:15 – 13:15 – Lunch (Provided)

**13:15 – 16:30 – Hands-On Instruction at the
Centre County Public Safety Training**

Sunday January 30, 2022

08:15 – 12:15 – Class Instruction

12:15-12:45 – Lunch (Provided)

12:45 16:30 – Class Instruction



Cost for the seminar: \$250 for both days

EARLY REGISTRATION AND FEES

POST MARKED BY DECEMBER 30, 2021- \$225

Individual days are \$130.00/day

SEND COMPLETED REGISTRATION TO:

Nancy Love: 585 Firethorn Drive, Monroeville, PA 15146

Nancy.Love@AlleghenyCounty.US

NAME: _____ PAAI NO. _____

EMAIL: _____

ADDRESS: _____

PHONE NO. _____

COMPANY _____

___ I am attending both days \$250.00 \$225 early registration

___ I wish to attend Saturday \$130.00

___ I wish to attend Sunday \$130.00

EARLY REGISTRATION: \$225 POST MARKED BY DECEMBER 30, 2021

CHECK OR MONEY ORDER MADE OUT TO: PAAI –TRAINING

Those wishing to pay by Credit Card please see the PAAI website,
www.paii.org for details.

BOARD OF DIRECTORS MEETING Friday January 28, 2022

7 PM-9 PM