

## CURRICULUM VITAE

### JOHN POWELL WHITE

**P.E., IAAI-CFI®, MS**

Mr. White is a licensed Fire Protection Engineer in a number of jurisdictions of the Western United States. He is a Certified Fire Investigator through the International Association of Arson Investigators and has an educational background in chemical, mechanical, and fire protection engineering.

Mr. White conducts forensic investigations for fire origin and cause, fire spread, and fire protection system failures. He consults with architectural and construction firms on a variety of fire protection projects including steel multi-residential modular construction, wildland-urban interface building design, and hazardous material operations.

Mr. White is a Principal of the NFPA 130 committee for design of passenger rail vehicles and station, and a voting member of the ASTM E5 committee for development of fire test standards.

### **Professional Experience**

- **Managing Engineer and Partner**, Fire Cause Analysis 2011 – Present
  - Fire and thermal engineering analysis
  - Fire investigations
  - Field testing and evaluations
  - Construction and product defect litigation support
  - CFD modeling, analysis of heat transfer, fire, and smoke dynamics
  - Product design testing and failure analysis
  - Signed and stamped reporting
  - Responsible for case management and review
  - Day-to-day and long-term business development
- **Associate Engineer**, Fire Cause Analysis 2008 – 2011
  - Responsible for field measurements and data collection
  - Planning and implementing numerous field tests including live burns, water leak analysis, and mechanical failure.
  - Signed reporting under supervision of PE
  - Analysis and reporting on passive and active Fire Protection Systems
  - Failure analysis of appliances and mechanical systems
  - Computer and CFD modeling of heat transfer and fire/smoke dynamics
- **Technical Services Coordinator**, Fire Cause Analysis 2007 – 2011
  - Supervised junior technical staff and evidence technicians
  - Responsible for hiring, termination, and compensation adjustment
  - Implementation of evidence storage and transfer protocols

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- Large project supervision and coordination
- **Research Associate**, Fire Cause Analysis 2004 – 2008
  - Providing technical support
  - Performing code research work and code analysis
  - Setting up and performing live burn tests
  - Designing and engineering large-scale paper treatment device
  - Quality control evaluation and testing of products

## **Education**

- **Fire Protection Engineering, Master of Science** 2010
  - Worcester Polytechnic Institute, Worcester, MA
- **Chemistry, Bachelor of Science** 2004
  - University of California, Berkeley, CA

## **Professional Certifications & Licenses**

- **Certified Fire Investigator**, International Association of Arson Investigators 2013
  - Professional Board Certified: # 22-012161
- **Registered Professional Engineer, Fire Protection**
  - Arizona license # 63050
  - California license # 1753
  - Idaho license # 17154
  - Nevada license # 022793
  - Oregon license # 91789 PE
  - Texas license # 125467
  - Washington license # 54104
- **State of California Private Investigator License**
  - # PI11582

## **Professional Associations**

- ASTM Technical Committee E05 on Fire Standards
  - Voting Member
- Northern California/Nevada Chapter of the Society of Fire Protection Engineers 2011 – Present
  - Member
- National Fire Protection Association, Number 2684161
  - Member
  - Research Division 2009 – Present
    - Architects, Engineers, and Building Officials Division 2014 – Present
    - Building Fire Safety Systems Division 2014 – Present
    - Industrial Fire Protection Division 2014 – Present
- NFPA 130 – Standard for Fixed Guideway Transit and Passenger Rail Systems
  - Principal committee member

- NFPA 400 (2016) Hazardous Materials Code  
Task group participant between first and second draft ballots
- National Society of Professional Engineers  
Member 2008 – Present
- Society of Fire Protection Engineers (SFPE)  
Member 2005 – Present

## Teaching Experience

- NASP Annual Conference Oct 2024  
*"Battery and Electric Vehicle (EV) Fires – Where's the Juice? "*
- NorCal Event – "Fall Back into Education " Oct 2024  
*"Water Claim Damages – Unravel the Mystery " & "Fire and Explosions Investigations that Sizzle "*
- Property & Liability Resource Bureau (PLRB) Central Claims Conference Aug 2024  
*"Fire Investigation & Analysis in an Evolving Solar Power Industry "*
- Geico Insurance Aug 2024  
*"Battery and Electric Vehicle Fires – Where's the Juice? "*
- Property & Liability Resource Bureau (PLRB) Western Regional Adjusters Conference June 2024  
*"Battery and Electric Vehicle Fires – Where's the Juice? "*
- Geico Training Webinar June 2024  
*"Vehicle Arson and Electric Vehicle Fires "*
- Combined Claims Conference (CCC) March 2024  
*"Fire Investigations and Analysis in an Evolving Solar Power Industry "*
- Annual Anti-Fraud Conference (AFA) April 2024  
*"Fire Investigation and Analysis of an Evolving Solar Power Industry " & "Battery and Electric Vehicle (EV) Fires – Where's the Juice? "*
- NASP 2024 Conference March 2024  
*"Fire Investigations and Analysis in an Evolving Solar Power Industry "*
- NGIC Training Workshop March 2024  
*"Vehicle Arson Investigations that Sizzle "*
- Property & Liability Resource Bureau (PLRB) Central Regional Adjusters Conference Sept 2023  
*"Fire Investigation and Analysis in an Evolving Solar Power Industry "*
- Claims Conference of Northern California (CCNC) Aug 2023  
*"Fire Investigation and Analysis in an Evolving Solar Power Industry "*
- Property & Liability Resource Bureau (PLRB) Western Regional Adjusters Conference June 2023  
*"Fire Investigation and Analysis in an Evolving Solar Power Industry "*
- WSAFI Northern Chapter May 2023  
*"Electric Vehicle Fires – Where's the Juice "*
- Geico May 2023  
*"Vehicle Fire Investigations – Don't Get Burned! "*
- Geico May 2023  
*"Arson Investigation in the 21st Century – Tactics, Tools & Tech "*
- National Highway Transportation Safety Administration (NHTSA) April 2023  
*"Vehicle Fire Investigation Seminar – Battery & EV fires "*
- Mercury Training April 2023  
*"Water Loss Damage Investigations "*
- National Highway Transportation Safety Administration (NHTSA) Feb 2023

*"Vehicle Fire Investigation Seminar – Fundamentals of Investigation Methodology"*

- Mercury Insurance Feb 2023  
*"Fire Investigation and Analysis of an Evolving Solar Power Industry "*
- National Highway Transportation Safety Administration (NHTSA) Jan 2023  
*"Vehicle Fire Investigation Seminar- Fundamentals of Investigation Methodology"*
- Mercury Training Dec 2022  
*"Spoliation & the Claims Adjuster "*
- Wawanesa Training April 2022  
*"Earth, Wind & Fire "*
- Mercury Training Mar 2022  
*"Anatomy of An Arson "*
- Nationwide Training Sept 2021  
*"Auto Arson & The Zombie Apocalypse "*
- Central Net Training Facility Live Burn Demo & Training Workshop Nov 2019  
*"Vehicle Fire Investigations – Don't Get Burned & Fire " & "Explosions that Sizzle "*
- Western States Auto Theft Investigators' (WSATI) Conference Oct 2019  
*"Vehicle Arson Investigations – Don't Get Burned "*

## **Publications**

- Continuing Education of the Bar, California. Scientific Evidence in California Criminal Cases, Origin & Cause of Fire. The Regents of the University of California, 2020. Co-author.
- Continuing Education of the Bar, California. Scientific Evidence in California Criminal Cases, Origin & Cause of Fire. Section 12, pp. 505 – 588. The Regents of the University of California, September 2011. Contributing editor.

## **Deposition & Trial Testimony**

### **Trial Testimony**

- Superior Court of California, County of Alameda, No RG17861027 March 4, 2019  
*Great American Insurance Company v. Mean Well Enterprises.*  
Provided testimony on behalf of the defendants regarding Fire Origin and Cause investigation of power supply within mattress chiller/heater
- Superior Court of California, County of Alameda County Case Number July 7, 2015  
RG12655606  
*Diana and Agustin Lopez v. AMCO Insurance, Inc. et al.*  
Provided testimony on behalf of the Plaintiff regarding fire causation related to residential clothing dryer
- Superior Court of California, County of Alameda, Case No. RS14-734564 October 8, 2014  
*Brandon v. Brighton et al.*  
Provided testimony on behalf of the Plaintiff regarding origin and cause of fire involving materials stored inside of a free-standing gas-fired cooking range
- Superior Court of California, County of San Francisco, Case No. CGC 13 October 2, 2014  
533822

*Shannon Deaton et al v. Carolyn Chandler et al.*

Provided testimony on behalf of the Defendants regarding origin and cause of fire involving a residential electric baseboard heater and proximity of combustible materials

**Deposition Testimony**

- Superior Court of California, County of Sonoma, Case No. SCV-264911. February 2023  
*Bella Commercial, LLC v Pacific Specialty Insurance.*  
Provided testimony regarding analysis of electrical ignition sources in house fire.
- Superior Court of California, County of San Mateo, Case No. 20-CIV-03522. April 2022  
*Brouchard v. Milani.*  
Provided testimony regarding fire apparatus access to residential drive.
- Superior Court of California, County of Alameda, Case No. RG19023432. May 10, 2021  
*Anou Souvannavong, Siobhan Sullivan v. Dinh Cao, et al.*  
Provided testimony on behalf of plaintiff regarding gas appliance installation and maintenance requirements in relation to carbon monoxide production.
- Nevada District Court, Clark County, Case No. A-17-761008-C. December 18, 2020  
*Stephanie Kloepfel et al v. General Motors, LLC, et al.*  
Provided testimony on behalf of the defense regarding fire spread after a vehicular accident involving a transit bus.
- Superior Court of California, County of Alameda, No RG17861027. March 4, 2019  
*Great American Insurance Company v. Mean Well Enterprises.*  
Provided testimony on behalf of the defense regarding fire origin and cause investigation of consumer heating/cooling pad power supplies.
- Superior Court of California, County of Amador, No 17-CV-10330. January 29, 2019  
CSAA Insurance Exchange, Algonia Noia and Linda Coblenz as Trustee of the Noia.  
*Kirkwood Trust v. Kirkwood Meadows public utility district.*  
Provided testimony on behalf of plaintiffs regarding propane explosion characteristics.
- Superior Court of California, County of San Joaquin, No. October 18, 2018  
STK-UIC-2014-0008605.  
*Argonaut Great Central Ins. Co. v. Prem Basuta, Kulwinder Basuta, et al.*  
Provided testimony on behalf of the plaintiffs regarding natural gas ignition and explosion characteristics.
- Superior Court of California, County of San Mateo, No. 171V02038. June 21, 2018  
*Jason Fong v. Donna Wood.* July 19, 2019  
Provided testimony on behalf of plaintiff involving origin and cause of fire related to free standing kitchen range.
- Superior Court of California, County of San Mateo, No. CIV533845. January 17, 2018  
*Aguirre v. Cypress Lawn Cemetery Association.*  
Provided testimony on behalf of defense regarding fire and building code requirements at the time of fire versus time of construction.
- Superior Court of California, County of San Francisco, Case No. CGC-14 – December 8, 2017  
537501.  
*Chad Benjamin Potter, et al v. 1049 Market Street, LLC.*

- Provided Fire Code Analysis testimony on behalf of the plaintiffs.

● Superior Court of California, County of Sonoma, No. SCV-256907. May 19, 2017  
*Margrett Lewis v. Ecosmart, Inc, et al.*

Provided testimony on behalf of defense regarding fire spread issues including ejection of fuel from a denatured ethyl alcohol bottle, flame arrestors, and application of NFPA 921 to fire incident investigations.
- Superior Court of Washington, County of Pierce, Case No. 15-2-10813-7. May 26, 2016  
*Jennifer S. St. Lorant v CHS, Inc.*

Provided testimony on behalf of the plaintiffs regarding explosion origin and cause investigation of a propane explosion and safe handling procedures of dispensing.
- Superior Court of California, County of San Francisco, No. CGC-15-543719. January 28, 2016  
*Carl Natvig v. Toy Real Estate Investment Co.*

Provided testimony on behalf of plaintiffs regarding fire origin and cause investigation and failure analysis of a wall furnace.
- Superior Court of California, County of San Francisco, Case No. CGC-14 – 537501. August 18, 2015  
*Chad Benjamin Potter, et al v. 1049 Market Street, LLC.*

Provided Fire Code Analysis testimony on behalf of the plaintiffs.
- Superior Court of California, County of Santa Cruz, Case No. CV179979. July 24, 2015  
*Allied Property and Casualty Insurance Company v. Jonathan Ilse; Daniel Ilse; Rose Zeitler.*

Provided origin and cause testimony on behalf of the plaintiffs.
- District Court of McLennan County Texas, Cause No. 2013-2476-4. March 25, 2015  
*City of West, Texas v. West Fertilizer, et al.*

Provided testimony on behalf of the plaintiffs regarding building construction and applicable codes.
- Superior Court of California, County of Monterey, Case No. M111747. February 27, 2015  
*Bush v. Pacific LPG, Corp, et al.*

Provided testimony regarding participation and observations during site inspection and testing.
- Superior Court of California, County of San Francisco, Case No. CGC 13 533822. October 2, 2014  
*Shannon Deaton et al v. Carolyn Chandler et al.*

Provided testimony on behalf of the defendants regarding origin and cause of fire involving a residential electric baseboard heater and proximity of combustible materials.
- Superior Court of California, County of Alameda County Case Number RG12655606.  
*Diana and Agustin Lopez v. AMCO Insurance, Inc. et al.*

Provided testimony on behalf of the Plaintiff regarding fire causation related to residential clothing dryer.
- San Mateo Superior Court Case Number CIV 503763.  
*CSAA/Claesson, Claes v. Rust Oleum Corporation, et al.*

Provided testimony on behalf of the Plaintiff to competency of self-heating ignition source of floor coating product.
- Superior Court of the State of California in and for the County of Ventura 56-2011-00394984.

*Philadelphia Indemnity Insurance Company v. Pro Sports Floors, Inc.*

Provided testimony on behalf of the Defendant to competency of self-heating ignition source of urethane product.

- *Leary v. Merrill Properties and Sandra Pugh CIV 494462.*  
Provided testimony on behalf of the Plaintiff to candle burning properties including ignition, burning characteristics, and duration. Provided opinion regarding competency of candle ignition source.
- State of Texas Case No. 067-222686-07.  
*Racquel Guadiana, Individually and as a representative of the Estate of Erik Robles, deceased vs Sandhill Properties, LLP.*
- State of Texas Case No. 348-229743-08.  
*Tonia Roberts, Individually and as Next Friend for Natasha Riekeman, a minor child vs. Flexible Foam Products, et. al.*

Let me know if you'd like any changes or additions!