

## CURRICULUM VITAE JOHN POWELL WHITE, P.E, IAAI-CFI, MSc

### AREA OF SPECIALIZATION

John 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.

John 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.

John 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.

### EDUCATION & CERTIFICATIONS

#### **Certified Fire Investigator 22-012161**

2013

International Association of Arson Investigators  
Professional Board Certified

#### **Registered Professional Engineer – Fire Protection**

CA License# 1753  
NV License# 022793  
WA License# 54104  
AZ License # 63050  
TX License # 125467  
OR License # 91789 PE  
ID License # 17154

#### **Worcester Polytechnic Institute, Worcester MA**

Fire Protection Engineering, Masters of Science

May 2010

**University of California, Berkeley CA**  
Chemistry, Bachelor of Science

December 2004

FIRE INVESTIGATION - FORENSICS - FIRE SCIENCE & ENGINEERING

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## **LEGAL**

### **Trial Testimony**

Superior Court of California, County of Alameda, No RG17861027  
Great American Insurance Company v. Mean Well Enterprises. March 4, 2019.  
Provided testimony on behalf of the defendants regarding Fire Origin and Cause  
investigation of power supply within mattress chiller/heater. [March 19, 2019]

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. [July 7<sup>th</sup>, 2015]

Superior Court of California, County of Alameda, Case No. RS14-734564  
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.[October 8<sup>th</sup>,  
2014]

Superior Court of California, County of San Francisco, Case No. CGC 13 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. [October 2<sup>nd</sup>, 2014]

### **Deposition Testimony**

Nevada District Court, Clark County, Case No. A-17-761008-C  
Stephanie Kloeppe et. al v. General Motors, LLC, et al. Provided testimony on behalf of the  
defense regarding fire spread after vehicular accident involving a transit bus. December 18,  
2020

Superior Court of California, County of Alameda, No RG17861027

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. March 4, 2019.

Superior Court of California, County of Amador, No 17-CV-10330  
CSAA Insurance Exchange, Algonda Noia and Linda Coblentz as Trustee of the Noia Kirkwood Trust v. Kirkwood Meadows public utility district. Provided testimony on behalf of plaintiffs regarding propane explosion characteristics. January 29, 2019

Superior Court of California, County of San Joaquin, No. 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. October 18, 2018

Superior Court of California, County of San Mateo, No. 171V02038  
Jason Fong v Donna Wood  
Provided testimony on behalf of plaintiff involving origin and cause of fire related to free standing kitchen range. June 21, 2018 and July 19, 2019.

Superior Court of California, County of San Mateo, No. CIV533845  
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. January 17, 2018

Superior Court of California, County of San Francisco, Case No. CGC-14 – 537501  
Chad Benjamin Potter, et al v. 1049 Market Street, LLC.  
Provided Fire Code Analysis testimony on behalf of the plaintiffs. December 8, 2017

Superior Court of California, County of Sonoma, No. SCV-256907  
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. May 19, 2017

Superior Court of Washington, County of Pierce, Case No. 15-2-10813-7  
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. May 26, 2016

Superior Court of California, County of San Francisco, No. CGC-15-543719  
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. January 28, 2016

Superior Court of California, County of San Francisco, Case No. CGC-14 – 537501  
Chad Benjamin Potter, et al v. 1049 Market Street, LLC.  
Provided Fire Code Analysis testimony on behalf of the plaintiffs. August 18, 2015

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

District Court of McLennan County Texas, Cause No. 2013-2476-4  
City of West, Texas v. West Fertilizer, et al.  
Provided testimony on behalf of the plaintiffs regarding building construction and applicable codes. March 25, 2015

Superior Court of California, County of Monterey, Case No. M111747  
Bush v. Pacific LPG, Corp, et al.  
Provided testimony regarding participation and observations during site inspection and testing. February 27, 2015

Superior Court of California, County of San Francisco, Case No. CGC 13 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.

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.

CIV 494462

*Leary v. Merrill Properties and Sandra Pugh*

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.*

## **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.

### **Contributing Editor**

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.

## **PROFESSIONAL**

- **Member** – ASTM Technical Committee E05 on Fire Standards
- **Member** – Northern California/Nevada Chapter of the Society of Fire Protection Engineers, 2011 – Present.
- **Member** – National Fire Protection Association, Number 2684161
  - 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
- **Committee Member** – NFPA 130 - Standard for Fixed Guideway Transit and Passenger Rail Systems
- **Task Group** – NFPA 400 (2016) Hazardous Materials Code – Participant between first and second draft ballots.
- **Member** – National Society of Professional Engineers 2008 – Present.
- **Member** – Society of Fire Protection Engineers (SFPE) 2005 - Present

## **PROFESSIONAL EXPERIENCE – FIRE CAUSE ANALYSIS**

### **2011-Present Managing Engineer and Partner**

- 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

### **2008-2011 Associate Engineer**

- 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

### **2007-2011 Technical Services Coordinator**

- Supervised junior technical staff and evidence technicians
- Responsible for hiring, termination, and compensation adjustment
- Implementation of evidence storage and transfer protocols
- Large project supervision and coordination

### **2004-2008 Research Associate**

- 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