



RON HALL & ASSOCIATES

LIC #PI-7513-C

**FIRE ANALYSIS &
RESEARCH**

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CLINTON M. CARMAN

CURRICULUM VITAE

FORMAL EDUCATION:

- **California State University, Chico (2005-2008)**
Chico, California
2008 - Graduated with B.S. Degree in Physical Chemistry
- **Sierra Community College (2002-2005)**
Rocklin, California

EMPLOYMENT:

- Jan 2010 – Present Certified Fire Investigator with Ron Hall & Associates Fire Analysis and Research
- Jun 2008 – Dec 2009 Associate Fire Investigator with Ron Hall & Associates Fire Analysis and Research.

CERTIFICATIONS:

- Jan 11, 2010 Certified Fire Investigator (Certification #660)
California Conference of Arson Investigators (CCAI)

SPECIALIZED TRAINING RECEIVED:

- 2003 – Present Received approximately 250 tested hours of instruction at Fire and Arson Investigation Seminars and Classes, which include:

- California Conference of Arson Investigators, Fire and Arson Seminars and Classes
- International Association of Arson Investigators, Fire and Arson Classes

- Nov 2009 **Expert Witness Courtroom Testimony Class**
Internation Association of Arson Investigators (Instructors: Wayne Tyson, Steve Huchting)
San Louis Obispo, California (40+ hours)

- Nov 2009 **PC832 Arrest, Search & Seizure**
Sacramento Regional Public Safety Training Center
(POST Certification #297080102-09005, SCT Certification #0218-007898)
Sacramento, California (40 hours)

- Oct 2009 **Fire Investigation 1B**
California State Fire Marshal's Office (Instructor: Joe Konefal)
Sacramento, California (40 Hours)
- Sep 2009 **Effective Investigation and Testimony**
International Association of Arson Investigators
<http://www.cfitrainer.net> (3 hours)
- Aug 2009 **Motive, Means, and Opportunity: Determining Responsibility in an Arson Case**
International Association of Arson Investigators
<http://www.cfitrainer.net> (4 hours)
- Aug 2009 **Arc Mapping Basics**
International Association of Arson Investigators
<http://www.cfitrainer.net> (4 hours)
- Jun 2009 **Introduction to Fire Dynamics and Modeling**
International Association of Arson Investigators
<http://www.cfitrainer.net> (4 hours)
- Jun 2009 **Ethics and the Fire Investigator**
International Association of Arson Investigators
<http://www.cfitrainer.net> (3 hours)
- Jun 2009 **Fire and Explosion Investigations: Utilizing NFPA 1033 and 921**
International Association of Arson Investigators
<http://www.cfitrainer.net> (4 hours)
- Apr 2009 **Fire Investigation 1A**
California State Fire Marshal's Office (Instructor: Joe Konefal)
Sacramento, California (40 hours)
- Mar 2009 **Fire Investigation 2B**
California State Fire Marshal's Office (Instructors: Joe Konefal, Mark Koenig)
Auburn, California (40 hours)
- Feb 2009 **The Scientific Method for Fire and Explosion Investigation**
International Association of Arson Investigators
<http://www.cfitrainer.net> (4 hours)
- Dec 2008 **An Analysis of the Station Nightclub Fire**
International Association of Arson Investigators
<http://www.cfitrainer.net> (4 hours)

- Dec 2008 **A Ventilation-Focused Approach to the Impact of Building Structures and Systems on Fire Development**
International Association of Arson Investigators
<http://www.cfitrainer.net> (4 hours)
- Nov 2008 **Fire Investigation 2A**
California State Fire Marshal's Office (Instructors: Joe Konefal, Mark Koenig)
 Auburn, California (40 hours)
- Nov 2008 **Problem Solving in Fire Investigation**
California Conference of Arson Investigators (Instructors: Joe Konefal, Steve Carman)
 San Louis Obispo, California (20 hours)
- Nov 2008 **Understanding Fire Through the Candle Experiments**
International Association of Arson Investigators
<http://www.cfitrainer.net> (4 hours)
- Oct 2008 **Postflashover Fires**
International Association of Arson Investigators
<http://www.cfitrainer.net> (4 hours)
- Apr 2008 **Documenting the Event**
International Association of Arson Investigators
<http://www.cfitrainer.net> (4 hours)
- Jul 2003 **Semi-Annual Seminar of the California Conference of Arson Investigators**
 Seaside, California (8 hours, non-tested)

FIRE INVESTIGATION EXPERIENCE:

I have investigated and/or assisted with the investigation of approximately 200 fires to determine Origin, Cause, and General Fire Behavior.

-Attended, as well as conducted, approximately 60 burn tests on structures and vehicles, to study and document burn patterns, flame spread and general fire behavior.

PROFESSIONAL ASSOCIATIONS:

- **California Conference of Arson Investigators**
 Member, Oct 2008 - Present

REFERENCE MATERIALS:

- Kirk's Fire Investigation, John DeHaan, Prentice Hall, Sixth Edition, 2006
- Guide for Fire and Explosion Investigations (NFPA 921), NFPA, Quincy, MA 2008
- Numerous other texts on Chemistry and Physics.