

ROBERT J. SCHAAL
Gulf Coast Fire Investigation, Research and Education
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WORK EXPERIENCE:

11/01/2014 – Present Consultant/Forensic Investigator, Gulf Coast Fire Investigation, Research and Education, Mandeville, Louisiana

Summary: Consultant in the various aspects of the forensic fire investigation profession including fire scene investigation, case management, technical review, and litigation advisor. Also involved in the design, development and implementation of testing, research and education projects.

07/19/1987-10/31/2014 Special Agent, Bureau of Alcohol, Tobacco, Firearms and Explosives, United States Department of Justice

Summary: Responsible for the investigation of violations of federal firearms, arson, and explosives statutes. Specialized in fire/arson investigation as a special agent/certified fire investigator and advanced to senior leadership position prior to retirement.

Significant Work Assignments:

- 2011 Assistant Special Agent in Charge, New Orleans Field Division – direct supervision responsibility for five criminal enforcement groups comprised of approximately 50 employees
- 2008 Group Supervisor, New Orleans V (Arson and Explosives Enforcement) – first line supervisor of a criminal enforcement group responsible for the investigation of arson and explosives violations within the Eastern District of Louisiana.
- 2005 Group Supervisor, New Orleans I (Firearms Enforcement – HIDTA) –first line supervisor of a criminal enforcement group responsible for the investigation of firearms and narcotics violations within the city of New Orleans.
- 2004 Chief, Arson and Explosives Training Branch, Washington, DC (Subsequently Arson Training Branch) – first line supervisor of a training and professional development group responsible for the design, development, and delivery of fire and arson related training programs to internal and external participants.
- 2001 Program Manager (Arson Programs), State and Local Training Branch, Washington, DC – responsible for the design, development and delivery of fire and arson related training programs to external participants.

- 1998 ATF Certified Fire Investigator, New Orleans, Louisiana – responsible for the investigation of fires within the New Orleans Field Division in order to identify cause and origin and conduct criminal investigations of arson to identify responsibility.
- 1995 ATF Certified Fire Investigator Candidate, New Orleans, Louisiana – internal training program to become certified to investigate fires on behalf of ATF
- 1990 Team Member, ATF New Orleans Division Response Team – respond to significant arson and explosion incidents within the New Orleans Field Division to provide investigative assistance.
- 1987 Assigned to the New Orleans Field Division Arson/Explosives Group – responsible for the criminal investigation of arson incidents within the Eastern District of Louisiana to determine responsibility

EDUCATION:

Auburn University, Auburn, AL - Bachelor of Science (Criminal Justice), 12/86
Niceville Senior High School, Niceville, FL 1982

TRAINING RECEIVED:

2015

Louisiana Association of Arson Investigators, Southern Training Day (Electrical and Fire Dynamics,) Baton Rouge, LA (4 hours)

66th Annual International Association of Arson Investigators Training Seminar, Rosemont, IL (27 hours)

2014

Louisiana Association of Arson Investigators, Annual Training Conference, Baton Rouge, LA (20 hours)

Prevention and Investigation of Commercial Kitchen Fires, Lafayette, LA (8 hours)

65th Annual International Association of Arson Investigators Training Seminar, Las Vegas, NV (27 hours)

2013

Louisiana Association of Arson Investigators, Annual Training Conference, Baton Rouge, LA (20 hours)

Louisiana Association of Arson Investigators, Interview and Interrogation, Lafayette, LA (8 hours)

Louisiana Association of Arson Investigators, Code Enforcement for the Fire Investigator, Hammond, LA (8 hours)

Louisiana Association of Arson Investigators, Explosives Identification for the Fire Investigator, Chalmette, LA (8 hours)

2012

Louisiana Association of Arson Investigators, Annual Training Conference, Baton Rouge, LA (20 hours)

Louisiana Association of Arson Investigators, NFPA 921/1033, Alexandria, LA (8 hours)

Louisiana Association of Arson Investigators, Strengthening Public Private Partnerships/Ethics, Baton Rouge, LA (8 hours)

Louisiana Association of Arson Investigators, Evaluation of Appliance Fires from an Investigators Perspective, Lafayette, LA (8 hours)

63rd Annual International Association of Arson Investigators Training Seminar, Dover, DE (27 hours)

2011

Louisiana Association of Arson Investigators, Annual Training Conference, Metairie, LA (20 hours)

Louisiana Association of Arson Investigators, Fatal Fire Investigations, Lafayette, LA (8 hours)

62nd Annual International Association of Arson Investigators Training Seminar, Las Vegas, NV (27 hours)

United Kingdom Fire and Arson Investigators Association Training Seminar, London, England, UK (16 hours)

2010

61st Annual International Association of Arson Investigators Training Seminar, Orlando, FL, (27 hours)

2009

60th Annual International Association of Arson Investigators Training Seminar, Arlington, TX (27 hours)

2008

59th Annual International Association of Arson Investigators Training Seminar, Denver, CO
(27 hours)

Louisiana Association of Arson Investigators Annual Training Conference, Metairie, LA. (20
hours)

2007

58th Annual International Association of Arson Investigators Training Seminar Victoria, British
Columbia, Canada (27 hours)

Louisiana Association of Arson Investigators Annual Training Conference, Lacombe, LA (20
hours)

2006

57th Annual International Association of Arson Investigators Training Seminar Denver, CO
(27 hours)

2005

2nd Annual International Fire and Arson Investigation Conference (8 hours), Teesside University,
Teesside, United Kingdom.

Live, Learn and Pass It On Seminar (20 hours), Brunell University, London, United Kingdom

56th Annual International Association of Arson Investigators Training Seminar (27 hours),
Washington, D.C.

ATF Certified Fire Investigator Recertification Training (40 hours), Fire Research Laboratory,
Beltsville, Maryland

2004

55th Annual International Association of Arson Investigators Training Seminar, (27 hours) St.
Louis, MO.

ATF Certified Fire Investigator Re-certification Training (56 hours), Fire Research Laboratory,
Beltsville, MD

International Fire and Arson Investigation Conference (16 hours), Teesside University, Teesside,
United Kingdom

2003

ATF Certified Fire Investigator Re-Certification Training (40 Hours), Fire Dynamics/Fire Research Laboratory, Beltsville, MD

Live, Learn and Pass it On Seminar, (20 Hours) Brunell University, London, United Kingdom

54th Annual International IAAI Training Seminar (27 hours), Reno, NV

2002

ATF Certified Fire Investigator Re-Certification Training (72 hours), Shipboard and Wild Land Fires, Williamsburg, VA

53rd Annual International IAAI Training Seminar (32.5 hours), Milwaukee, WI

2001

Langevin “The Successful Training Manager,” (24 hrs) Roslynn, VA

52nd Annual International IAAI Training Seminar (27 hours), Atlantic City, NJ

ATF Certified Fire Investigator Re-certification Training, (32 hours), Chief Architect, Monterey, CA

Langevin “Instructional Techniques for New Instructors,” (24 hrs) New Carrollton, MD

The Design, Development and Delivery of Legally Defensible Curriculum, (8 hrs) Washington, DC

2000

From the Ashes to the Courtroom, Louisiana Chapter IAAI Seminar (17.5 hours), Slidell, LA

ATF Certified Fire Investigator Re-certification Training, (64 Hours), Electrical Fires, Goldsboro, NC

1999

Arson Investigation Beyond the Scene, Louisiana Chapter IAAI Seminar, (17.5 hours), Metairie, LA

50th Annual International IAAI Training Seminar, (27 hours), Las Vegas, NV

Electrical Fire Investigation, Public Agency Training Counsel (24 Hours), Kenner, LA

1998

Fire Investigation 2000, Louisiana Chapter IAAI Training Seminar (27 hours), Baton Rouge, LA

49th Annual International IAAI Training Seminar, (27 hours), Portland, OR

ATF Certified Fire Investigator Re-certification Training (40 hours), Electrical Fires, Portland, OR

Louisiana Church Arson Education Conference (8 hours), Baton Rouge, LA

1997

Investigation of Motor Vehicle Fires, Louisiana Chapter IAAI Training Seminar (27 hours), Shreveport, LA

ATF CFI Phase II Training (80 Hours), College Park, MD

ATF International Post Blast Investigations (80 Hours), Federal Law Enforcement Training Center, Brunswick, GA

EPA Hazardous Materials Incident Response Operations (165.5) (40 Hours), Cincinnati, OH

University of Maryland Open Learning Program - Fire Dynamics (FSCN 414) Three Semester Credit Hours

1996

University of Maryland Open Learning Program - Incendiary Fire Analysis (FSCN 306) Three Semester Credit Hours

ATF CFI Phase I Training (80 Hours), College Park, MD

1995

ATF Complex Investigations Seminar (80 Hours), Federal Law Enforcement Training Center, Brunswick, GA

1994

ATF Analytical Fire Scene Reconstruction (Observer - 60 Hours), Waggaman, LA

1992

ATF/FBI National Center of the Analysis of Violent Crime Coordinators Training (40 Hours), FBI Academy, Quantico, VA

1991

ATF Advanced Arson for Special Agents (80 Hours), Montour Falls, NY

42nd Annual International IAAI Training Seminar (27 Hours), New Orleans, LA

1990

ATF/JPSO Practical Examination of Fire/Explosion Scenes (40 Hours), Gretna, LA

Reid Technique of Interview and Interrogation, (24 hours), New Orleans, LA

Louisiana IAAI Training Seminar (24 hours), New Orleans,

DEA Clandestine Lab School (8 hours), New Orleans, LA

1988

ATF New Agent Training (80 hours Arson/Explosives Training) Federal Law Enforcement Training Center, Brunswick, GA

TRAINING GIVEN:

2015

International Association of Arson Investigators Ontario, Fire Investigation Seminar, Hamilton, Ontario, Canada, MacFrugal's Fire Investigation Case Study and Fire Investigation Round Table (3hrs)

Louisiana Association of Arson Investigators, Southern Training Day, Fire Dynamics, Baton Rouge, LA (4 hours)

Fire Investigation Association of Alberta, Fire Dynamics and Arc Mapping, Cold Lake, Alberta, Canada (28 hours)

Kansas City Arson Task Force, Annual Training Seminar, Kansas City, MO, Overview of NFPA 1033 and 921 (8 hours)

Fire Investigation Association of Alberta, Fundamentals of Fire Investigation, Devon, Alberta, Canada (14 hours)

2014

Bureau of Alcohol, Tobacco, Firearms and Explosives Special Agent/Certified Fire Investigator Candidate Training, Beltsville, MD, Fire Dynamics (16 hours)

Louisiana Association of Arson Investigators, Annual Training Conference, Baton Rouge, LA – Coordinator (20 Hours)

Louisiana Association of Arson Investigators, Fundamentals of Fire Investigation, New Orleans, LA Instructor (Fire Dynamics)/Coordinator (24 Hours)

Louisiana Association of Arson Investigators, Advanced Electrical Training, Covington, LA Coordinator (24 hours)

Louisiana Association of Arson Investigators, Fire Dynamics Seminar, Baton Rouge, LA Coordinator (24 Hours)

Facilitator/Assessor, IAAI-ECT Test (April 14)

2013

Louisiana Association of Arson Investigators, Annual Training Seminar, Baton Rouge, LA – Coordinator (20 hours)

Louisiana Association of Arson Investigators, Fundamentals of Fire Investigation, Baton Rouge, LA Instructor (Fire Dynamics)/Coordinator (24 hours)

Louisiana Association of Arson Investigators, Advanced Electrical Training, Covington, LA Coordinator (24 hours)

Louisiana Association of Arson Investigators, Fundamentals of Fire Investigation, New Orleans, LA, Coordinator (24 hours)

2012

Ohio Arson Seminar – “Ventilation Effects on Fire Development” – Columbus, Ohio (4 hours)

Facilitator/Assessor, IAAI-ECT Test (July 2012)

Connecticut Chapter IAAI Annual Seminar – “Ventilation Effects on Fire Development” – Red Hook, CT (4 hours)

63rd Annual International Association of Arson Investigators Training Seminar, Instructor “Ventilation Effects on Fire Development”, Facilitator “Advanced Evidence Collection” Dover, DE (8 hours)

2011

United Kingdom Fire and Arson Investigators Association Training Seminar, London, England, UK “Ventilation Effects on Fire Development” (2 hours)

Louisiana Chapter IAAI Annual Seminar – “Ventilation Effects on Fire Development” – Metairie, LA (4 hours)

Texas Chapter IAAI Annual Seminar – “Ventilation Effects on Fire Development” – Austin, TX (4 hours)

Minnesota Chapter IAAI Burn to Learn Seminar, Sisseton, SD (16 hours)

62nd Annual International Association of Arson Investigators Training Seminar, “ECT Train the Trainer” Assessor – ECT Practicum, Las Vegas, NV (4 hours)

2010

Louisiana Chapter IAAI Southern Training Day – “NFPA 1033” – Baton Rouge, LA (8 hours)

Korean Fire Prevention Association – “US Training”, Seoul, South Korea (2 hours)

Alberta Association of Fire Investigators Training Seminar, “Fire Dynamics”, “Live Burns”, Alberta, British Columbia, Canada (20 hours)

61rd Annual International Association of Arson Investigators Training Seminar, Instructor “Fire Testing” Orlando, FL (4 hours)

22nd Annual Congressional Fire Service Institute Training Seminar “Federal Role in the Advancement of Professional Fire and Arson Investigation” (1 hour)

Texas Farm Bureau Investigators Conference, “Fire Dynamics Calculations,” San Antonio, TX (2 hours)

California Conference of Arson Investigators, “Fire Dynamics,” San Louis Obispo, CA (8 hours)

2009

Minnesota Chapter of the International Association of Arson Investigators, St. Cloud, MN – Instructor, Scientific Method and Myths and Misconceptions (4 hours)

2008

International Association of Arson Investigators 58th Annual Training Conference, Denver, CO – Instructor, Use of the Fire Dynamics Calculator; Innocence Project Roundtable (6 hours)

Nevada Chapter of the International Association of Arson Investigators, Las Vegas, NV – Instructor, Use of the Fire Dynamics Calculator (4 hours)

2007

California Conference of Arson Investigators, San Luis Obispo, CA, Instructor, Scene Documentation and Scientific Method (4 hours)

Louisiana Chapter of the International Association of Arson Investigators 24th Annual Training Seminar, Lacombe, LA – Instructor Live Burn Analysis Practical Exercise (20 hours)

2006

CFITrainer.Net Web Seminar, Maryland Fire Rescue Institute, College Park, MD – Instructor, Use of CFI Calculator Program (2 hours)

Louisiana Chapter of the International Association of Arson Investigators 23rd Annual Training Seminar, Lafayette, LA – Instructor - Scene Documentation (2 hours)

2005

2nd Annual International Fire and Arson Conference, Teesside, University, Teesside, United Kingdom – Instructor – Fire Dynamics Calculations with the TI 86 Calculator (1 hour)

CFI Recertification (Three sessions), Instructor XnView Photo Software, Instructor PowerPoint, Assistant Instructor Electrical Wiring Exercise (120 hours)

Gardiner and Associates Practical Fire Investigation Course, Wethersfield, United Kingdom, Guest Exercise Moderator/Instructor (40 hours)

2004

Colombian Fire Investigation Training, Cali, Colombia – Program Coordinator, Instructor Myths and Misconceptions, Instructor Fire Scene Documentation, Instructor ATF Resources, Instructor Live Burn Exercises (24 hours)

Advanced Origin and Cause/Courtroom Techniques (COCTSL-0403), Federal Law Enforcement Training Center – Coordinator, Instructor Practical Exercises, Instructor Myths and Misconceptions, Instructor Complex Scene/Report Review, Instructor Final Review (80 hours)

Arson for Prosecutors Training Program (APTP-0402), Federal Law Enforcement Training Center – Coordinator, Instructor Live Burn Demonstration, Instructor ATF Arson Resources, Instructor Final Review (32 hours)

ATF Certified Fire Investigator Candidate Enclosure Fire Training, Mathematical Analysis of Fires, Fire Research Laboratory, Beltsville, MD (2 hours)

ATF Certified Fire Investigator Candidate Orientation, Report Writing and Documentation, Fire Research Laboratory, Beltsville, MD (2 hours)

Louisiana/Mississippi International Association of Arson Investigators State Conference, Flashover and Fire Research Laboratory, Biloxi, MS (4 hours)

ATF Certified Fire Investigator Re-certification Training 0401 and 0403, Chief Architect, Fire Research Laboratory, Beltsville, MD (80 hours)

International Fire and Arson Investigation Conference, Teesside University, Teesside, United Kingdom – Fire Dynamics of Flashover, United States Training (1 hour)

Advanced Origin and Cause/Courtroom Techniques (COCTSL-0402), Federal Law Enforcement Training Center – Coordinator, Instructor Practical Exercises, Complex Scene/Report Review, Final Review (80 hours)

Arson for Prosecutors Training Program (AFTP-0401), Federal Law Enforcement Training Center – Coordinator, Instructor Live Burn Demonstration, ATF Arson Resources, Final Review. (32 hours)

2003

Advanced Origin and Cause/Courtroom Techniques (COCTSL-0401), Federal Law Enforcement Training Center – Coordinator, Instructor Practical Exercises, Complex Scene/Report Review, Final Review (80 hours)

Colombian Fire Investigation Training, Bogotá, Colombia – Instructor Myths and Misconceptions, Instructor Fire Scene Documentation, Fire Scene/Burn Pattern Analysis, MacFrugal's Case Study, Scientific Method/Report Writing, Fire Scene Examination Practical Exercises (24 hours)

Arson for Prosecutors Training Program (AFTP-0303), Federal Law Enforcement Training Center – Coordinator, Instructor Live Burn Demonstration, ATF Arson Resources, Final Review (32 hours)

Advanced Origin and Cause/Courtroom Techniques (COCTSL-0302), Federal Law Enforcement Training Center – Coordinator, Instructor Practical Exercises, Complex Scene/Report Review, Final Review (80 hours)

Arson for Prosecutors Training Program (APTP-0302A), Las Vegas, NV – Coordinator, Instructor Origin and Cause, Live Burn Demonstration, ATF Arson Resources (20 hours)

Arson for Prosecutors Training Program (APTP-0301A), Fredericksburg, VA – Coordinator, Instructor Origin and Cause, Instructor Live Burn Demonstration, ATF Arson Resources (20 hours)

Live, Learn and Pass It On, Brunell University, London, United Kingdom – Instructor ATF Training Programs (1 hour)

Arson For Prosecutors Training Program (APTP-0302), Federal Law Enforcement Training Center – Coordinator, Instructor ATF Arson Resources (20 hours)

Advanced Origin and Cause/Courtroom Techniques (COCTSL-0301A), Federal Law Enforcement Training Center – Coordinator, Instructor Practical Exercises, Myths and Misconceptions, Live Burns, Complex Scene/Report Review (80 hours)

Phoenix Arson Investigation Seminar, Phoenix, AZ – Instructor Fire Scene Documentation, Arson Immunity Legislation (4 hours)

Complex Arson Investigative Techniques, (CAITSL-0302), Federal Law Enforcement Training Center – Coordinator, Instructor Sources of Information, Flashover Demonstration, ATF Resources, Practical Exercise (80 hours)

Baltimore City Fire Investigation Training, Baltimore Fire Academy, Baltimore, MD – Coordinator, Scientific Method, Myths and Misconceptions, Fire Scene Practical Exercise (24 hours)

Advanced Origin and Cause/Courtroom Techniques (COCTSL 0301), Federal Law Enforcement Training Center – Coordinator, Instructor Practical Exercises, Live Burn, Report Review (80 hours)

2002

Complex Arson Investigative Techniques, (CAITSL-0301), Federal Law Enforcement Training Center – Coordinator, Instructor Sources of Information, Flashover Demonstration, ATF Resources, Practical Exercise (80 hours)

Arson for Prosecutors Training (APTP-0204, Federal Law Enforcement Training Center – Coordinator, Instructor Origin and Cause, Live Burn, ATF Resources (20 hours)

Advanced Origin and Cause/Courtroom Techniques COCTSL 0203), Federal Law Enforcement Training Center – Coordinator, Instructor Practical Exercises, Live Burn, Report Review (80 hours)

Certified Fire Investigator Candidate Training – Instructor Chief Architect (2 hours)

Advanced Origin and Cause/Courtroom Techniques (COCTSL-0202), Federal Law Enforcement Training Center – Coordinator, Instructor Practical Exercises, Live Burn, Report Review (80 hours)

Arson for Prosecutors Training (AFTP-0203), Federal Law Enforcement Training Center – Coordinator, Instructor Origin and Cause, Live Burns, ATF Arson Resources (32 hours)

Arson for Prosecutors Training (AFTP 0202) Indianapolis, IN – Coordinator, Instructor Origin and Cause, Instructor Live Burns, ATF Arson Resources (20 hours)

Hawaii Chapter, International Association of Arson Investigators Training, Honolulu, HI – Coordinator ATF Instructors, Instructor FDS, Live Burn Demonstration, Burn Review (24 hours)

Complex Arson Investigative Techniques (CAITSL-0202) Federal Law Enforcement Training Center – Coordinator, Instructor Major Case Study, Introduction to Cognitive Interview, Sources of Information, Flashover Demonstration, Practical Exercise (80 hours)

Advanced Cause and Origin/Courtroom Techniques (COCTSL-0201) Federal Law Enforcement Training Center – Coordinator, Instructor Practical Exercises, Scientific Method, Report Review. (80 hours)

2001

Complex Arson Investigative Techniques (CAITSL-0201) Federal Law Enforcement Training Center – Coordinator, Instructor Major Case Study, InterFire VR, Sources of Information, Practical Exercise (80 hours)

Arson for Prosecutors Training (AFTP-0201) Wilmington, NC – Coordinator, Instructor Live Burns, Origin and Cause Q & A, ATF Arson Resources (20 hours)

Arson for Prosecutors Training (AFTP-0104) Washington, DC – Coordinator, Instructor Live Burns, Origin and Cause Q & A, ATF Arson Resources (20 hours)

Arson For Prosecutors Training (AFTP-0103) New Orleans, Louisiana – Coordinator, Instructor Live Burns, Origin and Cause Q & A, ATF Arson Resources.(20 hours)

Arson For Prosecutors Training (AFTP-0102) Portland, Oregon – Coordinator, Instructor Live Burns, Origin and Cause Q & A, ATF Arson Resources. (20 hours)

Advance Origin and Cause/Courtroom Techniques (COCTSL-0101), Federal Law Enforcement Training Center – Coordinator, Instructor Practical Exercises, Report Review. (80 hours)

Arson For Prosecutors Training (APTP-0101) Atlantic City, New Jersey – Coordinator,
Instructor Live Burns, Origin and Cause Q & A (20 hours)

2000

Fire Investigation for the First Responder, Harahan Volunteer Fire Department, Harahan, LA (4 hours)

InterFIRE VR, Harahan Volunteer Fire Department, Harahan, LA (2 hours)

Coordinator, Alabama Association of Arson Investigators Training, Tuscaloosa, AL (24 hours)

Fire Scene Hazards, Louisiana Chapter of the International Association of Arson Investigators 18th Annual Seminar, Slidell, LA (2 hours)

Coordinator, Louisiana Chapter of the International Association of Arson Investigators 18th Annual Seminar, Slidell, LA (20 hours)

InterFIRE VR, LA IAAI Quarterly Meeting, Westwego, LA (2 hours)

1999

Coordinator, Louisiana Chapter of the International Association of Arson Investigators 17th Annual Seminar, Metairie, LA (20 hours)

Arson Investigation, ATF New Professional Training NPT-9905, Federal Law Enforcement Training Center, Brunswick, GA (40 hours)

Introduction to Arson Investigation, Advanced Investigative Techniques for Law Enforcement Officers, Gulfport, MS (8 hours)

Louisiana Arson Immunity Statutes, LA IAAI Quarterly Meeting, Harahan, LA (2 hours)

1998

ATF Advanced Cause and Origin/Courtroom Testimony, Federal Law Enforcement Training Center, Brunswick, GA (80 hours)

1997

Coordinator, Louisiana Chapter of the International Association of Arson Investigators 15th Annual Seminar, Shreveport, LA (20 hours)

Fire Investigation For First Responders, David Crocket Steam Fire Company, Westwego, LA (3 hours)

1996

Coordinator, Louisiana Chapter of the International Association of Arson Investigators 14th Annual Seminar, Metairie, LA (20 hours)

OTHER TRAINING:

Completion of 48 CFITrainer.net distance learning training modules representing approximately 157 hours of tested training.

CERTIFICATIONS:

IAAI Certified Fire Investigator, 2013

IAAI Certified Instructor, 2013

IAAI Evidence Collection Technician, 2010

ATF Certified Fire Investigator 2/98

Re-certified: 1/99, 1/00, 1/01, 1/02, 1/03, 1/04, 1/05

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

Member, International Association of Arson Investigators (1997 - Present) (**Life Member**)

Board of Directors, International Association of Arson Investigators (2001 – 2011, 2nd VP 2007/2008, 1st VP 2008/2009, President 2009/2010, Immediate Past President 2010/2011)

Member, International Association of Arson Investigators Technical Advisory Committee (1999-2002)

Member, International Association of Arson Investigators, Certified Fire Investigator Committee (2001 – 2009)

Member, International Association of Arson Investigators, Fire Investigators Safety Committee (2004-2011) (Chair, 2005- 2009)

Member, International Association of Arson Investigators, Awards Committee (2004-2008)

Member, International Association of Arson Investigators, Training and Education Steering Committee (2007-Present) (Chair 2008-2010, 2013-present)

Member, Louisiana Chapter of the International Association of Arson Investigators (1991-

Present) (**Life Member**)

President, Louisiana Chapter of the International Association of Arson Investigators (1998-2000)

Board of Directors, Louisiana Chapter of the International Association of Arson Investigators (1997-1998) (Southern Vice President - 2011-2012)

Member, UK Chapter of the International Association of Arson Investigators (2003-present)

AWARDS:

- Special Act or Service, 7/88 (Honor Graduate NAT 803A)
- Special Act or Service, 7/91 (Lopinto Real Estate Arson Scheme)
- Spot Award, 10/92 (Beachgrove Fatality Fire)
- Spot Award, 12/93 (Fairgrounds Fire)
- Special Act or Service, 3/94 (Ken Hebert Chevrolet Arson Investigation)
- Hostile Action Award, 5/94 (Waco Incident)
- Special Commendation, 5/94 (Waco Incident)
- Special Act or Service, 8/94 (CFI Re-certification)
- Letter of Commendation from St. Tammany Fire Department, Fire District 1, 11/94 (Slidell Serial Arsonist)
- Spot Award, 7/95 (IABTI Conference)
- Special Act or Service, 7/97 (Little Rock Field Office Church Fire Investigations)
- Certificate of Appreciation from United States Attorney's Office for the District of Columbia, 6/98 (DC Arson Task Force Detail)
- Spot Award, 9/99 (Division All Hand Meeting)
- Special Act or Service, 1/00 (MacFrugal's Investigation)
- Special Act or Service, 7/01 (Group Achievement)
- Special Act or Service, 5/14 (Performance)

OTHER SIGNIFICANT ACTIVITIES:

As part of research and training initiatives, I have participated in approximately 230 training/demonstration live burns.

CFITrainer.net Steering Committee overseeing the development of educational content for the IAAI Online Distance Learning Platform 2004-Present

Member of Developmental Team for CFI Calculator Personal Data Assistant Application. (Fire Dynamics Equation Solver)(Principle Concept Designer and Tester)

Assessment of the Arson/Fire Investigation Abilities of the Country of Columbia, Bogotá, Colombia (March 17-20, 2003)

Fire Investigation Training Needs Assessment for the Republic of Latvia, Riga, Latvia (November 16-21, 2003)

Director, Louisiana Chapter of the IAAI Research Grant Project “Effects of Initial Fire Location on Ventilation and Fire Growth and Development”

Director/Participant, Minnesota Chapter of the IAAI Research Grant Project “Viking Motel Ventilation Study”

Contributor, CFITrainer.net “Postflashover” training module.

Contributor, CFITrainer.net “DNA” training module.

Contributor, CFITrainer.net “Communicating the Value of Membership in the IAAI” training module.

Contributor, CFITrainer.net “Fire Dynamics Calculations” training module.

Contributor, CFITrainer.net “The HAZWOPER Standard” training module.

Principal Developer and Designer of IAAI-Fire Investigation Technician Certification Program including development and maintenance of test database.

Principal Developer and Designer of the IAAI-Certified Instructor Certification Program including development of test database.

Principal Developer and Designer of IAAI-Evidence Technician Certification Protocol, Participant in IAAI-ECT Beta Test, Washington, DC

Principal Developer and Designer of IAAI Fire Investigation Endorsement Credentialing Program Protocol.

Principal Developer and Designer of the IAAI FIT/ECT Motor Vehicle Endorsements Program Protocol

Principal Developer of IAAI Knowledge 1 Training Series, including Fire Dynamics Module, Personal Protective Equipment Module, and Motor Vehicle Fire Investigation Module
Moderator – April 2010 CFITrainer.net PODCAST, “It Could Happen to You” Safety Series

Moderator – May 2010 CFITrainer.net PODCAST, “It Could Happen to You” Safety Series

Moderator – May 2011 CFITrainer.net PODCAST, “It Could Happen to You” Safety Series

Developmental Participant/Interviewee – CFITrainer.net Promotional Video, 2011

Author of LAAI AFG, FPS Grant EMW-2011-FP-01310, successfully awarded in the amount of \$222,000 supporting a fire investigation training curriculum throughout the state of Louisiana.

Author of the LAAI AFG, FPS Grant EMW-2012-FP-0641, successfully awarded in the amount of \$219,000 supporting a fire investigation training curriculum throughout the state of Louisiana.

Instructor, “Role of First Responder/Introduction to Fire Investigation” Louisiana Fire and Emergency Training Institute, Louisiana State University, Baton Rouge, LA – Fire Fighter Rookie Schools 2012, 2013, 2014, 2015 (7 iterations to date – 6 hours per iteration)

Contract Technical Consultant, Subject Matter Expert – CFITrainer.net project, 10/2014 – present.

Contract Technical Consultant, Youth Set Fire Program Rewrite – CFITrainer.net project, 10/2014 – present.

Participant in International Association of Fire Fighters, Youth Firesetting Information Repository and Evaluation System (YFIRES) Summit, Clearwater, FL (12 hours)

Publications:

Schaal, Robert J. (2008) “A Users Guide for the CFI Calculator and Fire Dynamics Equations,” published on CFITrainer.net

International Association of Fire Chiefs, *Fire Investigator Principles and Practices to NFPA 921 and 1033, Fourth Edition*, Burlington, MA, Jones and Bartlett Learning (2015) (Contributor)