

# FORCON INTERNATIONAL

**LOREN M. GRISWOLD, CFI, CFEI, CVFI, CMI**

## **SUMMARY**

Mr. Griswold is a Certified Fire Investigator (CFI), Certified Fire and Explosion Investigator (CFEI), Certified Vehicle Fire Investigator (CVFI), Certified Marine Investigator (CMI), and a Certified Firefighter. Mr. Griswold has 25 years of experience involving fires and explosions and has investigated the origin and cause of over 2000 fires in 33 states and six countries involving industrial, commercial, and residential fires; as well as vehicle, heavy equipment, and marine vessel fires and explosions. Mr. Griswold is also a P.A.D.I. certified diver.

Mr. Griswold's area of expertise includes fire and explosion analysis, electrical and life safety standards and codes, electrical fires, arson investigations, and marine fires and explosions. He has instructed electrical fire causation and marine fire investigations classes for the insurance and marine industries on cause analysis, electrical evaluation, mechanical evaluation, report writing, hiring and working with experts, government assistance, and interviewing techniques. As a part of his work, he has collected and preserved evidence, interviewed witnesses, provided legal consultation and testified in both criminal and civil courts since 1984. Mr. Griswold also teaches and designed two separate Lightning Analysis Programs currently utilized nationwide. Mr. Griswold Managed the H.S.A. Atlanta office as well as all Fire Investigators Nationwide.

## **EDUCATION**

Industrial Electrical Degree, Pickens Technical College, Jasper, Georgia

Paralegal Certificate, University of Georgia

## **REGISTRATIONS & CERTIFICATIONS**

- Certified Fire Investigator (CFI), International Association of Arson Investigators (IAAI) and the National Board of Fire Service Professionals
- Certified Fire and Explosion Investigator (CFEI), National Assoc. of Fire Investigators (NAFI)
- Certified Vehicle Fire Investigator (CVFI), National Assoc. of Fire Investigators (NAFI)
- Certified Arson Investigator, Georgia Peace Officers and Standards Council
- Certified Firefighter, Georgia Firefighters Standards and Training Council
- Certified Fire Instructor, National Board of Fire Service Professionals
- Certified Smoke Diver, Georgia Fire Academy
- Certified Marine Investigator (CMI), International Association of Marine Investigators
- Certified Marine Electrical Technician, American Boat and Yacht Council (ABYC)
- Certified Diver, P.A.D.I. Professional Association of Diving Instructors
- EPA 608 Certified

## **PROFESSIONAL ASSOCIATIONS**

National Fire Protection Association  
International Association of Arson Investigators  
National Association of Fire Investigators  
International Association of Marine Investigators  
American Boat & Yacht Council

## **CAREER HISTORY**

**FORCON International** – Independent Senior Fire Investigator

**Griswold Consulting, LLC** - President & CEO, Senior Fire Investigator

**NEFCO**, Senior Fire Investigator

**HSA Scientists & Engineers**, Fire Investigations Manager

**Rimkus Consulting Group**, Senior Fire Investigator

**The Warren Group**, Senior Fire Investigator

**Burgoyne Inc.**, Senior Fire Investigator

**Investigative Resources Global**, Fire Investigator

## **Applied Technical Services**

**Marietta Fire Department**, Fire Investigator, Inspector, FF

## **SPEAKING ENGAGEMENTS**

**Senior Fire Investigator/National Investigations Manager:** Investigated fire and explosion causation in commercial facilities, residential structures, automobiles and trucks, heavy equipment, and marine vessels. Investigated fires involving appliances and electrical devices; assess the potential liability and subrogation issues; collected, documented, and preserved evidence to ensure chain of custody; conducted interviews with witnesses, responding firefighters, state fire marshal agencies, and other pertinent third party individuals and organizations. Prepare detailed, written investigative reports pertaining to the origin and cause of the fire losses. Provided expert technical and scientific support to clients for subrogation and litigation purposes; conducted code compliance research including electrical, gas, and installation code violations; assist personnel with product design failure analysis to determine if the product was the cause or a contributing factor in a loss.

**Senior Fire and Explosive Investigator:** Conducted fire and explosive investigations, interviewed witnesses, researched fire codes and standards; gathered information and researched product liability cases; wrote detailed reports of the investigation and its findings; and assisted and advised insurance adjusters and attorneys in all aspects of fire and explosion investigations.

**Fire and Explosive Investigator:** Personally, conducted fire examinations as requested by clients which included the identification of the origin and cause of fires and/or explosions involving residential, industrial, and/or commercial structures as well as vehicle, heavy equipment, and seafaring vessels; documented the fire scene through photographs and evidence collection; diagram preparation. Interviewed insured's, witnesses, firefighters, and police officers and developed written statements when recorded statements were not necessary. Prepared reports for submission to the client. Testified in both criminal and civil courts as required; codes research and electrical evaluations.

**Fire and Explosive Investigator:** Conducted examinations to identify of the origin and cause of fires; documentation of the fire scene through photographs and evidence collection and diagram preparation. Prepared in-depth reports to document the fire cause; interviewed insured's, witnesses, firefighters, and police officers and developed written statements when recorded statements were not necessary; prepared reports for submission to the client; and testified in both criminal and civil courts.

**Firefighter/Inspector/Rescue Technician/ Instructor:** Involved in the determination of the origin and cause of fires occurring within the corporate city limits of Marietta; took photographs; seized evidence; drew diagrams; wrote in-depth reports to document the fire cause; interviewed witnesses, victims, suspects, and developed written statements; coordinated follow-up investigations with police investigators from the Marietta Police Department and/or special agents from the Bureau of Alcohol, Tobacco, and Firearms. Instructor for High Angle Rope Rescue classes at Georgia Fire Academy. Responsible for building inspections and code enforcement inside the city limits of Marietta. Basic firefighter activities and rescue duties as firefighter/EMT.

## **CONTINUING EDUCATION**

Courses and Certifications completed in the following:

- October 2012 - HVAC Electrical Controls & Air Distribution, Atlanta, GA
- October 2012 - HVAC Air Conditioning & Refrigeration, Atlanta, GA
- November 2010 - Expert Witness Master's Course, SEAK, Naples, FL
- May 2010 - A Case Study in The Daubert Challenge, CFI Trainer.net, IAAI
- November 2009 - Effective Investigation & Testimony, CFITrainer.net, IAAI
- November 2009 - Marine Fire Scene Investigation, CFITrainer.net, IAAI
- September 2009 - Vehicle Fire Certification Seminar, NAFI, Lexington, KY
- August 2009 - Arc Mapping Basics, CFITrainer.net, IAAI
- April-June 2009 - Paralegal Certificate, UGA Center for Legal Studies, Atlanta, GA
- May 2009 - Paralegal Training on Litigation Tasks, Westlaw
- May 2009 - Paralegal Training on Fundamentals of Westlaw, Westlaw
- May 2009 - Paralegal Training on Cases, Westlaw
- June 2008 - Law School for Experts, SEAK, Hyannis Port
- June 2008 - How to be a Dangerous Expert Witness, SEAK, Hyannis Port
- September 2007 - Open Water Diver Course, Crystal River, FL
- November 2006 - Miami International Boat Builders Conference (IBEX), Florida
- September 2006 - Electrical Trouble Shooting, American Trainco, Georgia
- May 2006 - Electrical Certification Course, American Boat Yacht Council (ABYC) Florida
- February 2006 - International Association of Marine Investigators Seminar, Virginia
- November 2005 - International Boat Builders Seminar, Florida
- October 2003 - International Boat Builders Seminar, Florida
- August 2003-2001 - IAAI Fire Investigations Seminar, Tennessee
- April 2001 Hazwopper Re-Certification, Compliance Solutions, Georgia
- August 2000 - IAAI Fire Investigations Seminar, Tennessee
- October 2000 - Arson Investigation Techniques, Bureau of Alcohol, Tobacco and Firearms, Georgia
- August 1999 - Insurance Investigations Seminar, Investigative Resources Global, North Carolina
- September 1997-1999 - Industrial Electrical Maintenance Diploma, Pickens Technical College, Georgia
- 1999 - Marine Fire Investigations, International Association of Marine Investigators, Tennessee
- 1998 - National Fire Protection Seminar, Florida
- April 1998 - 40 Hour Hazwopper Course, Compliance Solutions, Georgia
- March 1998 - Residential Wiring Certificate, Pickens Technical College, Georgia
- December 1997 - National Electrical Code Seminar National Fire Protection Association, Georgia
- November 1997 - Car/Agri-Equipment Fire Seminar, Georgia Fire Investigations Association
- March 1997 - Appliance Fire Seminar, Georgia Fire Investigations Association
- November 1997 - 80 Hour Advanced Fire Investigations Course, Georgia Fire Academy
- October 1996 - Explosive Investigations Course, Georgia Fire Academy
- October 1995 - 80 Hour Basic Fire Investigations Course, Georgia Fire Academy
- October 1995 - Psychological Profiling Course, Georgia Police Academy
- September 1995 - 80 Hour Criminal Investigations, Georgia Police Academy
- September 1995 - Southern Building Code Course, Georgia Fire Academy
- May 1995 - Life Safety Code Course, Georgia Fire Academy
- April 1995 - Fire and Arson Detection Course, Georgia Fire Academy
- 1993-1994 - High Angle Rope Rescue I, II, and III, Georgia Fire Academy
- January 1993 - Basic Structural Fire Control, Georgia Fire Academy
- January 1993 - Georgia Smoke Diver Course, Georgia Fire Academy
- June 1992 - Practical Fireground Hydraulics, Georgia Fire Academy
- March 1992 - Interior Search and Rescue, Georgia Fire Academy
- December 1991 - Certified Firefighter Training, Georgia Fire Academy
- June-November 1990 - Emergency Medical Technician, DeKalb Technical Institute, Georgia

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- May-June 1987 - Basic Law Enforcement Training Course, Georgia Law Enforcement Academy
- December 1985 - US Army Sniper School, Fort Benning, Georgia
- September 1985 - Advanced Special Reaction Team Training, Essex Institute, Georgia
- April 1985 - Special Reaction Team Training, Essex Institute, Georgia
- September-December 1983 - US Army Military Police School, Fort McClellan, Alabama
- August-December 1983 - US Army Basic Training, Fort McClellan, Alabama

## **PUBLICATIONS**

*A Surveyors' Role in Fire Investigations*, Technical Exchange for Marine Professionals, Volume 22, No. 1, March 2006.

## **PRESENTATIONS**

- HVAC Lightning Strike Investigations - Nationwide in-house training. Gainesville, FL, 2013
- Deposition Preparation for Expert Witnesses - S.A.M.S. Annual Conference, New Orleans, 2012
- Deposition Preparation for Expert Witnesses - F.A.C.A.P. Orlando, FL, July 2012
- Electrical Fire Investigations, Auto Owners Insurance, Atlanta, GA, May 2012
- Structural Fire Analysis, Axis Insurance Co., Alpharetta, GA, April 2010
- Electrical Fire Investigations; 2009 Middle GA Claims Seminar, Macon, GA, August 2009
- Structural Fire Analysis, Swift, Currie, McGhee, & Hiers, LLP, Atlanta, GA, January 21, 2009
- Structural Fire Analysis; Rimkus Winter Conference; Atlanta, GA, January 14, 2009
- Structural Fire Analysis; Assurant Insurance Office Atlanta, GA, January 7, 2009
- Electrical Fire Investigations; Atlanta Chapter CPCU, I-Day, Atlanta, October 21, 2008
- Marine Fire Investigations, U.S.A.A. In-House Seminar, Tampa, FL, August 2008
- Electrical Fire Investigations; N.A.S.P., GA Chapter Conference, Atlanta, March 2008
- Electrical Fire Investigations; Foremost Insurance Seminar, Panama City, February 2008
- Electrical Fire Investigations; Rimkus Sponsored Seminar, Norcross, November 2007
- Marine Fire Investigations; N.A.S.P., National Conference, New Orleans, November 2007
- 8 Hour Advanced Marine Fire Investigations; FL IAAI, Tampa, October 2007
- Marine Investigative Roundtable; IBEX, Miami, November 2006
- Advanced Marine Fire Investigations; IBEX, Miami, November 2006
- Electrical Fire Investigations; Greenville Claims Assoc., Greenville, November 2006
- Basic Fire Investigations; Investigative Professional Assoc. of GA, Norcross, August 2006
- Marine Fire Investigations; Nationwide Insurance, Virginia Beach, November 2005
- Marine Fire Investigations; International Boat Builders Seminar, Miami, October 2005