

## Daniel L. Gwinn | Fire Investigator, IAAI-CFI

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### Professional Summary:

Daniel Gwinn has over 30 years in the Fire and Public Safety field. He spent most of his time in the public housing sector investigating fires and resolving losses. Mr. Gwinn established prevention programs for that reduced losses by 90 percent, including a multi-agency Youth Fire Setter Intervention program which served over 300 students. During his time in the fire service industry, he has held various leadership and investigations positions in Southside Fire Protection Agency and Columbia County Fire Rescue. He has gained additional experience during a contract deployment to the Middle East where he served as the Fire Investigator for the U.S. Army Central Command. Daniel holds a BA in Psychology from the Citadel and a MA in Public Administration from Augusta State University. He is a Certified Fire Investigator through the International Association of Arson Investigators. He presently is employed out of the Columbus, Georgia Office.

### Licenses and Certifications:

Private Detective, State of Georgia, GA, PDE050868 (exp August 2021)

Fire Inspector 1, National Board on Fire Service Professional Standards, NFPA 1033-2009

Firefighter II, National Board on Fire Service Professional Standards, NFPA 1001-2008

Certified Fire Investigator, International Association of Arson Investigators, 08-011836

### Project Experience:

#### **IAP, Al-Asad, Iraq**

##### **February – March 2017, SEAL TOC Fire Investigation – Camp Freiwald**

16,000 square foot Navy SEAL Tactical Operations Center Fire, Supervising Two (2) Air Force Senior NCO Fire Inspector/Investigators in the three-week excavation and origin and cause investigation

#### **IAP, Joint Operation Center, Az-Zarqua, Jordan**

##### **July – August 2016, Fire Inspection, Fire Prevention, Fire Investigation Program**

Initial set up of Fire Prevention, Inspections and Investigation programs for U.S. Forces in Jordan. Oversight of the installation of new Fuels station, initial fire prevention training to Jordanian Special Forces staff, Joint Training Center and investigation of two fires impacting US Operations in the Jordan/Syria Area of Operations

#### **Youth Fire Setter Intervention Program, Richmond/Columbia County, Georgia 2002 - 2014**

Established investigation, evaluation and treatment program for youth set fires. Treated over 300 youth offenders.

### Court Qualifications/ Depositions:

Litigation CV available upon request.

### Professional Experience:

Unified Investigations & Sciences, Inc, /EFI Global, Fire Investigator, 2017 - to present  
IAP Worldwide Services, Fire Investigator/Task Force Safe, 2016-2017  
Columbia County Fire Rescue, Captain/AEMT, 2012-2016  
Augusta Housing Authority, Modernization Director/Fire and Loss Investigator, 1992-2016  
Martinez-Columbia Rescue, Captain/Investigator, 1992-2012

### Specialized Education:

Digital Photography and the Fire Investigator, CFITrainer.net 2022  
The Deposition Part 1: Format, Content and Preparation, CFITrainer.net 2022  
The Deposition Part 2: Questioning Tactics and Effective Responses, CFITrainer.net 2022  
Alternative Fuel Vehicle, CFITrainer.net 2022  
Photovoltaic Cells and Systems, CFITrainer.net 2022  
Lithium-ion Battery Fires, CFITrainer.net 2021  
Electric and Hybrid Vehicle Design Basics, CFITrainer.net 2021  
Electric and Hybrid Vehicle Fires, CFITrainer.net 2021  
Practical Application of Relationship between NFPA1033 and 921 CFITrainer.net, 2021  
Spontaneous Combustion, EFI Global, 2020  
Berla Vehicle Data Systems, EFI Global, 2020  
Residential Natural Gas Systems, CFITrainer.net 2020  
Residential Electrical Systems, CFITrainer.net, 2020  
Fire Protection Systems, CFITrainer.net, 2020  
Documenting the Event, CFITrainer.net, 2020  
Introduction to Youth Set Fires, CFI Trainer.net, 2020  
Investigating Natural Gas Systems CFITrainer.net 2020  
Wildland Fire Investigations, CFITrainer.net, 2020  
Managing Complex Fire Scenes CFITrainer.net, 2020,  
Scientific Method, CFITrainer.net, 2020  
Post-Flashover Fires, CFITrainer.net, 2020  
Fundamental of Interviewing , CFITrainer.net, 2020  
Validate Your Hypothesis, CFITrainer.net, 2020  
First Responder's Impact on fire investigations, CFITrainer.net, 2020  
Managing Complex Fire Scenes, CFITrainer.net, 2020  
Post-Flashover Fires, CFITrainer.net, 2020  
Fundamental of Interviewing, CFITrainer.net, 2020  
Explosion Dynamics , CFITrainer.net, 2020  
Sofa Super Store Case study, CFITrainer.net, 2020  
Arc Mapping Basics, CFITrainer.net, 2020  
Effective Investigation and Testimony, CFITrainer.net, 2020  
The HAZWOPER Standard, CFITrainer.net, 2020  
Fundamentals of Residential Building Construction, CFI Trainer.net, 2020

Understanding Undetermined, CFITrainer.net, 2020  
Writing the Initial Origin and Cause Report, CFITrainer.net, 2020  
The Potential Value of Electronic Evidence in Fire Investigations, CFITrainer.net, 2020  
Introduction to Evidence, CFITrainer.net, 2020  
Discovery in Civil Cases, CFITrainer.net, 2020  
Fire Flow Analysis, CFITrainer.net, 2020  
Critical Evaluation and Testing of Commonly Reported Accidental Causes – CFITrainer.net, 2019  
Physical Evidence at the Fire Scene, CFITrainer.net, 2019  
Introduction to Fire Dynamics and Modeling, CFITrainer.net, 2019  
The Impact of Ventilation in Building Structures on Fire Development, CFITrainer.net, 2019  
Motor Vehicles: Transmission, Exhaust, Brake and Accessory Systems, CFITrainer.net, 2018  
NFPA 921 and 1033 2014 Editions: Important Revisions, CFITrainer.net, 2018  
Critical Thinking Solves Cases, CFITrainer.net, 2018  
Fire Chemistry, CFITrainer.net, 2018  
2015 IFC Performing Commercial Fire Inspections, International Code Council, 2017  
Thermometry, Heat and Heat Transfer CFI Trainer 2017  
Discovery in Criminal Cases, CFI Trainer, 2017  
Basic Electricity, CFI Trainer, 2017  
Insurance and the Fire Investigations, CFI Trainer, 2017  
Advanced Arson Investigation 2017, Alabama Association of Arson Investigators, 2017  
RV/Boat Fires, Alabama Association of Arson Investigators, 2017  
Investigating Motor Vehicle Fires, CFITrainer.net, 2017  
Basic Electricity, CFITrainer.net, 2017  
Evidence Examination: What happens at the Lab? CFI Trainer, 2016  
Crime Scene and Courtroom Testimony, Office of Emergency Management, 2015  
NFPA 1033 and Your Career, CFI Trainer, 2013  
The Scientific Method for Fire and Explosion Investigations, CFI Trainer, 2013  
IS-00100.b, Introduction to Incident Command System, FEMA, 2013  
IS-00200.b, ICS for Single Resources and Initial Action Incident, FEMA, 2013  
IS-00700.a National Incident Management System (NIMS), FEMA, 2010  
IS-00800.b National Response Framework, FEMA, 2010

### Education:

Master of Arts, Public Administration, Augusta State University, Augusta, Georgia 2001  
Bachelor of Arts, Psychology, The Citadel, The Military College of South Carolina  
Charleston, South Carolina 1985

### Affiliations:

National Eagle Scouts Association (NESA) – (Life Member)  
Citadel Alumni Association - (Life Member)  
Georgia Fire Investigator Association (GFIA)  
Alabama Arson Investigators Association (AAIA)  
International Arson Investigators Association (IAAI)

Member –Supreme Court Historical Society

Order of the Arrow – Boy Scouts of America – Vigil Honor Member

Member- Pi Alpha Alpha – Public Administration Honor Society

#### **Courses Instructed/ Guest Lecturer:**

Youth Fire Setter Prevention Program – Columbia and Richmond County Georgia 2002-2014

Guest Lecturer, Augusta Technical College – Criminal Justice Program – Arson, Bombing and Hate Crimes 2009-2014 (two classes a year)

Guest Lecturer, Georgia Regents University/Augusta University – CRJU 3950-C Criminal Justice – Arson and Fire Investigations 2013-2014

Guest Lecturer. National Safe Kids Campaign, Washington DC – Fire Prevention Practices October 1996

#### **Honors and Awards:**

Eagle Scout – Boy Scouts of America, 1980

Fire Fighter of the Year – Martinez-Columbia Fire Rescue, 2001