Curriculum Vitae

Todd Zsiga, CFI, CFEI
PO Box 147
Monmouth, Maine 04259
Todd.zsiga@feinvestigations.com
207-441-1547

Education

- Columbia Southern University, Associate Degree, Fire Science, 2018
- New Hampshire Technical College, Associate Degree, Emergency Medical Services, 1996

Professional Experience

- 2017-Present Fire Investigator
  Fire & Explosion Investigations, Inc
- 2015-Present Lieutenant Fire Investigation Unit
  Portland, Me Fire Department
- 2014-Present Lieutenant Fire Suppression
  Portland, Me Fire Department
- 2012-2014 Officer Candidate
  Portland, Me Fire Department
- 1998-2012 Firefighter
  Portland, Me Fire Department
- 1997-2002 Reserve Police Officer
  Scarborough, Me Police Department

Professional Development

- Principles of Fire Investigation Multi-Program Certification, CFITrainer.net (2019) 67 Hours
- Critical Evaluation and Testing of Commonly Reported Accidental Causes, CFITrainer.net, (2019) 3 Hours
- Fire Chemistry, CFITrainer.net, (2019) 3 Hours
- Fire Investigation for Fire Officers Multi-Program Certification, CFITrainer.net, (2019) 41 Hours
- Fire Flow Analysis, CFITrainer.net, (2019) 3 Hours
- Portable Electrical Appliance Fires with Live Burns, Maine IAAI, (2019) 8 Hours
- Accreditation, Certification, and Certificates, CFITrainer.net, (2019) 3 Hours
- Ethical Duties Beyond The Fire Scene, CFITrainer.net, (2019) 3 Hours
- Legal Aspects of Investigation Youth-Set Fires, CFITrainer.net, (2019) 3 Hours
- Introduction To Youth-Set Fires, CFITRainer.net, (2019) 3 Hours

- Fire Investigations for Fire Officers, CFITrainer.net, (2019) 3 Hours
- Charting Your Career Path In Fire Investigation, CFITrainer.net, (2019) 3 Hours
- What the Insurance Professional Needs to Know About Fire Investigation, CFITrainer.net, (2019) 3 Hours
- Understanding Undetermined, CFITrainer.net, (2019) 3 Hours
- Investigating Fire and Explosion Incidents Involving a Line-Of-Duty Death, CFITrainer.net, (2018) 3 Hours
- Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems, CFITrainer.net, 3 Hours
- Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, CFITrainer.net, (2018) 3 Hours
- Fire Investigation Seminar, Saint Anselm College, (2018) 40 Hours
- Fire Protection Systems, Columbia Southern University, (2018) 3 Credit Hour College Course, NFA Certified
- Building Construction for Fire Protection, Columbia Southern University, (2018) 3 Credit Hour College Credit, NFA Certified
- Fire Investigations: Electrical Systems, National Fire Academy, (2018) 40 Hours
- Basic Fire Investigation, Maine IAAI, (2018) 8 Hours
- International Association of Arson Investigators, Certified Fire Investigator (2017)
- National Association of Fire Investigators Certified Fire and Explosion Investigator(2017)
- Investigating Natural Gas Systems, CFITrainer.net, (2017) 3 Hours
- Fire Protection Systems and Fire Investigations, Maine IAAI, (2017) 6 Hours
- Principles of Fire and Emergency Services Safety and Survival, Columbia Southern University (2017) 3 Credit Hour College Course, NFA Certified
- IAAI International Training Conference, Las Vegas, NV (2017) 40 hours (various topics)
- Fire Behavior and Combustion, Columbia Southern University (2017) 3 Credit Hour College Course, NFA Certified
- IAAI, Fire Investigator Technician Certification (2016)
- Hands-On Electrical Fire and Arson Investigation, Public Agency Training Council (2016) 20 hours, Participated in approximately 20 live burns of various electrical appliances.
- Meth Lab Investigations & BHO Extraction Fires, IAAI Maine Chapter (2016) 4 hours
- Fire Origin and Cause Investigation, National Fire Academy (2015) 80 hours
- Effective Investigation and Testimony, CFITrainer.net, (2015) 3 hours
- Ethics and the Fire Investigator, CFITrainer.net, (2015) 3 hours
- Insurance and the Fire Investigation, CFITrainer.net, (2015) 4 hours
- Writing the Initial Origin and Cause Report, CFITrainer.net, (2015) 3 hours
- Using Resources to Validate Your Hypothesis, CFITrainer.net, (2015) 2 hours

- Evidence Examination: What Happens at The Lab?, CFITrainer.net, (2015) 4 hours
  Fundamentals of Interviewing, CFITrainer.net, (2015) 4 hours
- The Deposition Part 1: Format, Content, and Preparation, CFITrainer.net, (2015) 3 hours
- The Deposition Part 2: Questioning Tactics and Effective Responses, CFITrainer.net, (2015) 3 hours
- The HAZWOPER Standard, CFITrainer.net, (2015) 4 hours
- Wildland Fires Investigation, CFITrainer.net, (2015) 5 hours
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, CFITrainer.net, (2015) 2 hours
- The Potential Value of Electronic Evidence in Fire Investigations, CFITrainer.net, (2015) 4 hours
- Search and Seizure, CFITrainer.net, (2015) 4 hours
- Residential Natural Gas Systems, CFITrainer.net, (2015) 3 hours
- Preparation for the Marine Fire Scene, CFITrainer.net, (2015) 4 hours
- Managing Complex Fire Scene Investigations, CFITrainer.net, (2015) 4 hours
- Magne Tek: A case study in the Daubert Challenge, CFITrainer.net, (2015) 2 hours
- Physical Evidence at the Fire Scene, CFITrainer.net, (2015) 4 hours
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case, CFITrainer.net, (2015) 4 hours
- Post-flashover Fires, CFITrainer.net, (2015) 4 hours
- An Analysis of The Station Nightclub Fire, CFITrainer.net, (2014) 4 hours
- NFPA 1033 and Your Career, CFITrainer.net, (2014) 2 hours
- DNA, CFITrainer.net, (2014) 3 hours
- Ethics and Social Media, CFITrainer.net, (2014) 3 hours
- Fire Protection Systems, CFITrainer.net, (2014) 3 hours
- Introduction into Evidence, CFITrainer.net, (2014) 4 hours
- Residential Electrical Systems, CFITrainer.net, (2014) 4 hours
- Process of Elimination, CFITrainer.net, (2014) 3 hours
- Digital Photography and the Fire Investigator, CFITrainer.net, (2014) 4 hours
- Explosion Dynamics, CFITrainer.net, (2014) 4 hours
- The Impact of Ventilation in Building Structures on Fire Development, CFITrainer.net, (2014) 4 hours
- NFPA 921 and 1033 2014 Editions: Important Revisions, CFITrainer.net, (2014) 3 hours
- Investigation Motor Vehicle Fires, CFITrainer.net, (2014) 4 hours
- Investigating Fatal Fires, CFITrainer.net, (2014) 4 hours
- Charleston Sofa Super Store Fire, CFITrainer.net, (2014) 4 hours
- Documenting the Event, CFITrainer.net, (2014) 4 hours
- Vacant and Abandoned Buildings: Hazards and Solutions, CFITrainer.net, (2014) 4 hours
- Fire Investigator Scene Safety, CFITrainer.net, (2014) 3 hours
- Introduction to Fire Dynamics and Modeling, CFITrainer.net, (2014) 4 hours

- How First Responders Impact the Fire Investigation, CFITrainer.net, (2014) 2 hours
- Fundamentals of Residential Building Construction, CFITrainer.net, (2014) 3 hours
- Critical Thinking Solves Cases, CFITrainer.net, (2014) 4 hours
- Fire Dynamics Calculations – Version 2.0, CFITrainer.net, (2014) 4 hours
- Understanding Fire Through the Candle Experiments, CFITrainer.net, (2014) 4 hours
- The Scientific Method for Fire and Explosion Investigation, CFITrainer.net, (2014) 3 hours
- Arc Mapping Basics, CFITrainer.net, (2014) 4 hours
- Electrical Safety, CFITrainer.net, (2014) 3 hours
- Basic Electricity, CFITrainer.net, (2014) 4 hours
- Firefighter I and II, Southern Maine Community College, (2011) 233 hours
- Incident Response to Terrorist Bombings, New Mexico Tech-EMRTC, (2005)
- Reserve Law Enforcement Certification (1997) 100 Hour course

Professional Associations

- National Fire Protection Association, 2017-Present
- International Association of Arson Investigators, 2015-Present
- National Association of Fire Investigators, 2015-Present
- International Association of Firefighters 1996-Present

Professional Awards

- Portland Fire Department Unit Citation 2005
- Liberty Mutual Firemark “Espirit de Corps” 2005
- Portland Fire Department “Espirit de Corps” 2002
- Portland Police Department Unit Citation 1999
- Portland Police Department Unit Citation 1996