

Michael J. Schulz

President/Principal Consultant

M.J. Schulz & Associates, Inc.
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Wayne, Illinois 60184

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Curriculum Vitae

May 1, 2018

PROFESSIONAL BACKGROUND

Located in Metropolitan Chicago, M.J. Schulz & Associates, Inc. is an internationally known consulting firm focusing on safety, security and emergency management issues with a specialized emphasis in the investigation and analysis of hostile fire and explosion incidents.

As the President and Principal Consultant, he has been in practice for over thirty-eight years and has consulted in the United States, Canada, Mexico, Puerto Rico and Europe. During that thirty-eight-year professional career, he has served as a civil defense officer, municipal law enforcement officer, fire department command officer, private consultant and college professor.

He holds a Master of Science (M.S.) in Safety, Security and Emergency Management from Eastern Kentucky University and a Bachelor of Science (B.S.) in Fire and Safety Engineering Technology from the University of Cincinnati. He is currently pursuing his Doctor of Philosophy (Ph.D.) in Public Policy and Administration with a specialization in Emergency Management from Walden University.

In addition to his consulting practice, he developed and previously served as the Program Director for the Master of Arts (M.A.) in Emergency Management Leadership Graduate Program at Adler University in Chicago, Illinois. Besides his academic responsibilities, he also previously served as Chairman of the institution's Program Development Committee, which is responsible for the academic design and approval

process of all new or revised academic programs, concentrations and tracts. More recently he was appointed by the institution's President to serve on the Strategic Planning Committee.

He currently serves as a Higher Education Peer Reviewer for online courses through the Quality Matters program administered by Maryland Online.

His specialized emphasis and participation in the field of fire and explosion investigation and analysis has spanned most of his professional career.

He is a graduate of the United States Fire Administration's National Fire Academy (NFA) in Emmitsburg, Maryland, where he completed the Fire and Arson Investigation residency program.

He was a charter member of the National Fire Protection Association's (NFPA) Technical Committee on Fire Investigations having been appointed to the committee at the time of its formation by the National Fire Protection Association's Standards Council. During his seventeen (17) year tenure as a principal member of the technical committee, he made significant contributions to both the National Fire Code 907M, entitled Manual for the Determination of Electrical Fire Causes, and the National Fire Code 921, entitled Guide for Fire and Explosion Investigations. He continues to serve on the committee as an alternate member.

He also served as a member of both the International Fire Service Training Association (IFSTA) Fire Investigator and Fire Origin and Cause Material Review Committees. The Material Review Committees are responsible for the continuing review and revision of the Association's publications, entitled, Fire Investigator and Fire Origin and Cause.

He has served as a consultant to the federal government, including the Federal Emergency Management Agency's, United States Fire Administration's National Fire Academy, state governments and local governments. Recently, he was retained as an expert in the field of fire and explosion investigation and analysis by the Illinois Attorney General's Office and the Illinois State Fire Marshal's Office in federal litigation to which the State of Illinois was a party.

More recently, he was selected as an instructor for the Canadian Province of Ontario's Technical Standards and Safety Authority (TSSA) and previously be the U.S Consumer Product Safety Commission (CPSC) to provide training to the Commission's product safety field investigation staff.

He holds national registration as a National Board Certified Fire and Explosion Investigator (CFEI), a National Board Certified Vehicle Fire Investigator (CVFI) and a National Board Certified Fire Investigation Instructor (CFII) through the National Association of Fire Investigators' National Certification Board. He also holds international registration as a Certified Canadian Fire Investigator (CCFI) through the Canadian Association of Fire Investigators' National Certification Committee. He also holds national registration as a Certified Fire Protection Specialist (CFPS) through the

National Fire Protection Association and the Certified Fire Protection Specialist Board.

His professional affiliations include the Association of Threat Assessment Professionals (ATAP), The American Society of Industrial Security (ASIS), the International Association of Emergency Managers (IAEM), the Illinois Emergency Services Management Association (ISEMA), the National Fire Protection Association (NFPA), the American Society of Safety Engineers (ASSE), the National Emergency Management Association (NEMA), National Fire Academy Alumni Association (NFAAA), the National Association of Fire Investigators (NAFI), the International Association of Arson Investigators (IAAI), the Illinois Chapter of International Association of Arson Investigators (IL-IAAI), the Canadian Association of Fire Investigators (CAFI), the Society of Fire Protection Engineers (SFPE), the American Society for Testing and Materials (ASTM), the Society of Automotive Engineers (SAE), the American Society of Industrial Security (ASIS), the American Radio Relay League (ARRL) and the DuPage County Amateur Radio Emergency Service (ARES).

His academic affiliations include Quality Matters, the Sloan Consortium, the Higher Learning Commission, the Phi Kappa Phi Honors Society, the University of Cincinnati Alumni Association and the Eastern Kentucky University Alumni Association.

FORMAL EDUCATION

Walden University, Minneapolis, MN
Pending – Doctor of Philosophy (PhD) in Public Policy and Administration –
Emergency Management

Eastern Kentucky University, Richmond, KY
Master of Science (M.S.) in Safety, Security and Emergency Management
Honors: 4.0 Cumulative GPA

University of Cincinnati, Cincinnati, OH
Bachelor of Science (B.S.) in Fire and Safety Engineering Technology
Honors: Magna cum Laude

University of Cincinnati, Cincinnati, OH
Certificate in Fire Science
United States Fire Administration Open Learning Fire Service Program

PROFESSIONAL EXPERIENCE

M.J. Schulz & Associates, Inc., Wayne, Illinois
President – Principal Consultant
Private Consulting Firm

Adler University, Chicago, Illinois
Professor/Program Director
Emergency Management Leadership Program

Foundations of Emergency Management (EML 500)

Law and Politics of Emergency Management (EML 501)

Supporting Functional Needs Populations in Disasters (EML 502)

Disaster Response, Recovery and Continuity (EML 503)

Psychology of Terrorism (EML 504)

Leading in Times of Disaster (EML 505)

Essentials of Effective Communication (EML 506)

Research Methods for Leaders in Emergency Management (EML 507)

Group, Organization and System Development (EML 508)

Private Sector Emergency Management Strategies (EML 509)

Disaster Mental and Behavioral Health Applications in Emergency
Management (EML 510)

Emerging Issues in Emergency Management and Homeland Security
(EML 511)

Capstone Project (EML 512)

Adler University, Chicago, Illinois
Professor
Police Psychology Program

Psychology of Leadership (MAP 757)

DuPage County Amateur Radio Emergency Service, Wayne, Illinois
Emergency Coordinator
Auxiliary Emergency Communications Team

William Rainey Harper Community College, Palatine, Illinois
Adjunct Instructor
Fire Science Program

Principles of Fire Prevention IV

SCS Research Group, Rolling Meadows, Illinois
Consultant
Private Consulting Firm

John A. Kennedy & Associates, Inc., Hoffman Estates, Illinois
Senior Staff Expert
Private Consulting Firm

Cedarburg Police Department, Cedarburg, Wisconsin
Municipal Police Officer
Municipal Police Department

Milwaukee Area Technical College, Milwaukee, Wisconsin
Adjunct Instructor
Fire Science Program

Fire Investigation

Milwaukee Area Technical College, Milwaukee, Wisconsin
Adjunct Instructor
Police Science Program

Arson Investigation

Cedarburg Fire Department, Cedarburg, Wisconsin
Captain – Fire Prevention Company
Municipal Fire Department

CURRENT PROFESSIONAL CERTIFICATIONS/DESIGNATIONS

Certified Fire Protection Specialist (CFPS)
Certified Fire Protection Specialist Board
National Fire Protection Association

Certified Fire and Explosion Investigator (CFEI)
National Certification Board
National Association of Fire Investigators

Certified Vehicle Fire Investigator (CFVI)
National Certification Board
National Association of Fire Investigators

Certified Fire Investigation Instructor (CFII)
National Certification Board
National Association of Fire Investigators

Canadian Certified Fire Investigator (CCFI)
National Certification Committee
Canadian Association of Fire Investigators

Professional Development Series Certification (PDS)
Illinois Emergency Management Agency

Communications Unit Leader (COML)
Department of Homeland Security
Federal Emergency Management Agency/Office of Emergency
Communications

Auxiliary Emergency Communicator (AEC)
Department of Homeland Security
Federal Emergency Management Agency/Office of Emergency
Communications

Certified Emcomm Field Instructor (FI)
Continuing Education Program
American Radio Relay League

Certified Emcomm Field Examiner (FE)
Continuing Education Program
American Radio Relay League

PREVIOUS PROFESSIONAL CERTIFICATIONS/DESIGNATIONS

Certified Fire Service Instructor II
Board of Vocational, Technical and Adult Education
State of Wisconsin

Certified Fire Service Instructor I
Board of Vocational, Technical and Adult Education
State of Wisconsin

PROFESSIONAL BUSINESS LICENSURES

Registered Class 1 Private Detective Agency
License Number 117001067
Department of Financial and Professional Regulation
State of Illinois

Registered Class A Private Detective
License Number 115-001562
Department of Financial and Professional Regulation
State of Illinois

Registered Permanent Employee
Registration Card Number 129-117390
Department of Financial and Professional Regulation
State of Illinois

Class A Investigation Company
License Number A 10054
Department of Public Safety
State of Texas

Owner/Manager
License Number A 10054
Department of Public Safety
State of Texas

Private Investigations Business
License Number 1689158
Department of Public Safety
State of Arizona

Private Investigator
License Number 1689158
Department of Public Safety
State of Arizona

PROFESSIONAL COMMUNICATIONS LICENSURE

Federal Communications Commission, Washington, D.C.
Amateur Extra Class: Call Sign - W9MJS
FRN 0009322181

Federal Communications Commission, Washington, D.C.
GMRS: Call Sign - WQJR430
FRN 0009322181

Federal Communications Commission, Washington, D.C.
Club: Call Sign - W9DPA
FRN 0009322181

NATIONAL FIRE ACADEMY GRADUATE

Fire and Arson Investigation, Emmitsburg, Maryland
United States Fire Administration
Residency Program

CONSULTANT TO FEDERAL EMERGENCY MANAGEMENT AGENCY

United States Fire Administration, Emmitsburg, Maryland
Arson Prevention Act of 1994 Working Group
Content Expert

United States Fire Administration, Emmitsburg, Maryland
National Symposium for Arson Prevention and Control
Delegate

CODES AND STANDARDS DEVELOPMENT PROCESS PARTICIPANT

Technical Committee on Fire Investigators
National Fire Protection Association
Principal Committee Member

Fire Origin and Cause Material Review Committee
International Association of Fire Service Instructors
Principal Committee Member

Fire Investigator Material Review Committee
International Association of Fire Service Instructors
Principal Committee Member

Technical Committee on Fire Investigations
National Fire Protection Association
Alternate Committee Member

CONTINUING LAW ENFORCEMENT EDUCATION

Wisconsin Certified Law Enforcement Officer Training
State of Wisconsin, Department of Justice, Training and Standards Board
March, 1979

Death Investigation
State of Wisconsin, Department of Justice, Division of Criminal Investigation
September, 1979

Police In-Service Recertification
Milwaukee Area Technical College
1980

Police In-Service Recertification
Milwaukee Area Technical College
1981

Police In-Service Recertification
Milwaukee Area Technical College
1982

Police In-Service Recertification
Milwaukee Area Technical College
1983

Police In-Service Recertification
Milwaukee Area Technical College
1984

Effective Use of Photography As Legal Evidence
University of Wisconsin, Department of Engineering and Applied Science
May, 1985

Police In-Service Recertification
Milwaukee Area Technical College
1985

Police In-Service Recertification
Milwaukee Area Technical College
1986

Police In-Service Recertification
Milwaukee Area Technical College
1987

Police In-Service Recertification
Milwaukee Area Technical College
1988

Police In-Service Recertification
Milwaukee Area Technical College
1989

Traffic Accident Investigation
Northwestern University Traffic Institute
September, 2000

CONTINUING FIRE SERVICE EDUCATION

Crash Injury Management Technician
Waukesha Area Technical College
March, 1979

Basic Course on Handling Hazardous Materials Emergency Incidents
State of Wisconsin, Board of Vocational, Technical and Adult Education
February, 1981

Basic Fire Fighting (Firefighter I)
Milwaukee Area Technical College
December, 1981

Emergency Medical Technician Certification
Emergency Medical Technician Training Consortium
February, 1982

Advanced Fire Fighting (Firefighter II)
Milwaukee Area Technical College
March, 1982

Search and Rescue
International Society of Fire Service Instructors
September, 1982

Fire Ground Commander
National Fire Protection Association
October, 1982

Operating Fire Department Apparatus
Milwaukee Area Technical College
April, 1983

EMS Communications
Moraine Park Technical Institute
August, 1983

Company Officer Leadership
Association of Ozaukee County Fire Departments
March, 1984

Certified Fire Inspector Training
State of Wisconsin, Department of Industry, Labor and Human Relations
March, 1986

Fire Department Instructors Conference
International Association of Fire Service Instructors
March, 1991

Fire Case Studies Symposium: Office High-Rise Fire Safety
National Fire Protection Association, Montreal
November, 1991

Fire Codes and Standards Forum
Fire Marshal's Association of North America
November, 1991

Fire Department Instructors Conference
International Society of Fire Service Instructors
April, 1992

CONTINUING FIRE AND EXPLOSION INVESTIGATION AND ANALYSIS EDUCATION

15th Annual Wisconsin Arson Training Seminar
State of Wisconsin, Department of Justice, Division of Criminal Investigation
and the Wisconsin Chapter of the International Association of Arson
Investigators
June, 1980

Arson Investigation
American Policy Academy
January, 1981

Automobile Fire Investigation
Badger Firemen's Association
March, 1981

Fire/Arson Detection
United States Fire Administration's National Fire Academy Field Program
May, 1982

17th Annual Wisconsin Arson Training Seminar
State of Wisconsin, Department of Justice, Division of Criminal Investigation
and the Wisconsin Chapter of the International Association of Arson
Investigators
June, 1982

Fire and Arson Investigation
Milwaukee Area Technical College
April, 1983

18th Annual Wisconsin Arson Training Seminar
State of Wisconsin, Department of Justice, Division of Criminal Investigation
and the Wisconsin Chapter of the International Association of Arson
Investigators
June, 1983

Arson Investigation
Milwaukee Area Technical College
February, 1984

35th Annual I.A.A.I. Training Conference
International Association of Arson Investigators, Clearwater Beach
April, 1984

Arson Investigation
Hillsborough Community College
April, 1984

Fire/Arson Detection
Wisconsin Board of Vocational, Technical and Adult Education
May, 1984

19th Annual Wisconsin Arson Training Seminar
State of Wisconsin, Department of Justice, Division of Criminal Investigation
and the Wisconsin Chapter of the International Association of Arson
Investigators
June, 1985

Fire Investigation
Milwaukee Area Technical College
September, 1984

20th Annual Wisconsin Arson Training Seminar
State of Wisconsin, Department of Justice, Division of Criminal Investigation
and the Wisconsin Chapter of the International Association of Arson
Investigators
June, 1985

Determining the Cause and Origin of Fires and Explosions
National Association of Fire Investigators
August, 1985

Fire and Arson Investigation
United States Fire Administration's National Fire Academy
June, 1986

21st Annual Wisconsin Arson Training Seminar
State of Wisconsin, Department of Justice, Division of Criminal Investigation
and the Wisconsin Chapter of the International Association of Arson
Investigators
June, 1986

Determining the Cause and Origin of Fires and Explosions
National Association of Fire Investigators
August, 1986

22nd Annual Wisconsin Arson Training Seminar
State of Wisconsin, Department of Justice, Division of Criminal Investigation
and the Wisconsin Chapter of the International Association of Arson
Investigators
June, 1987

Determining the Cause and Origin of Fires and Explosions
National Association of Fire Investigators, Chicago
August, 1987

Determining the Cause and Origin of Fires and Explosions
National Association of Fire Investigators
September, 1988

Arson-For-Profit Investigative Techniques Seminar
United States Department of the Treasury, Bureau of Alcohol, Tobacco and
Firearms
January, 1989

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 1989

National Conference on Fire Investigation Instruction
National Association of Fire Investigator
January, 1990

Fire Investigation Course for Professional Development
Eastern Kentucky University
March, 1990

Fire Investigation Training Seminar
University of Southern Mississippi
June, 1990

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 1990

Fire Litigation and Explosion Investigation Training Seminar
HMR Fire Technology Institute
September, 1990

1st Annual Fire and Explosion Investigation Training Program
Sacramento County Fire Investigation Unit
November, 1990

Fire Investigation Course for Professional Development
Eastern Kentucky University
April, 1991

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 1991

Fire Investigation and Analysis
Fire Science and Technology Educators Section Program
National Fire Protection Association
November, 1991

Advanced Fire Scene Analysis
National Fire Protection Association
February, 1992

Fire Investigation Course for Professional Development
Eastern Kentucky University
March, 1992

Human Behavior Task Group Meeting
National Fire Protection Association
April, 1992

Mathematical Computer Fire Modeling, Special Tutoring Program
National Institute of Standards and Technology
June, 1992

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 1992

FPETool and Hazard I User's Conference
National Institute of Standards and Technology
October, 1992

Fire Investigation and Analysis
National Fire Protection Association
Fire Science and Technology Educator's Section
November, 1992

Fire Investigation Course for Professional Development
Eastern Kentucky University
March, 1993

Conference on Community College Fire Science and Technology Core
Curriculum
National Fire Protection Association
September, 1993

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 1993

Fire Investigation Course for Professional Development
Eastern Kentucky University
March, 1994

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 1994

Rocky Mountain Fire, Arson and Explosion Investigation Training Program
Aurora Fire Department
January, 1995

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 1995

Washington State Chapter of the International Association of Arson
Investigators' Annual Training Seminar
September, 1995

Colorado Association of Property and Evidence Technicians' Annual Training
Seminar
September, 1995

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 1995

Fire Science and Technology Educators' Section Program
National Fire Protection Association
November, 1995

Eastern Kentucky University's National Advanced Fire, Arson and Explosion
Investigation Training Program
National Association of Fire Investigators
March, 1996

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 1996

Eastern Kentucky University's National Advanced Fire, Arson and Explosion
Investigation Training Program
National Association of Fire Investigators
March, 1997

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
July, 1997

Texas Fire, Arson and Explosion Investigation Training Symposium
Missouri City Fire Department and Texas A & M University
September, 1997

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
July, 1998

Texas Fire, Arson and Explosion Investigation Training Symposium
Missouri City Fire Department and Texas A & M University
August, 1998

Investigation of Motor Vehicle Fires
Lee S. Cole & Associates, Incorporated
November, 1998

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
November, 1998

National Seminar on Fire Analysis Litigation
National Association of Fire Investigators
January, 1999

Eastern Kentucky University's National Advanced Fire, Arson and Explosion
Investigation Training Program
National Association of Fire Investigators
April, 1999

Florida Fire & Explosion Investigation Symposium
National Association of Fire Investigators
July, 1999

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 1999

Canadian National Fire, Arson and Explosion Investigation Training
Program
National Association of Fire Investigators
November, 1999

National Seminar on Fire Analysis Litigation
National Association of Fire Investigators
January, 2000

Canadian National Fire, Arson and Explosion Investigation Training
Program
National Association of Fire Investigators
November, 2000

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 2001

Canadian National Fire, Arson and Explosion Investigation Training
Program
National Association of Fire Investigators
October, 2001

Eastern Kentucky University's National Advanced Fire, Arson and Explosion
Investigation Training Program
National Association of Arson Investigators
April, 2002

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 2002

National Seminar on Fire Analysis Litigation
National Association of Fire Investigators
January, 2002

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
September, 2002

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2002

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 2003

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
October, 2003

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2003

Eastern Kentucky University's National Advanced Fire, Arson and Explosion
Investigation Training Program
National Association of Fire Investigators
March, 2004

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 2004

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
September, 2004

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2004

Eastern Kentucky University's National Advanced Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
March, 2005

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 2005

Vehicle Fire, Arson and Explosion Investigation Science and Technology Seminar
National Association of Fire Investigators
September, 2005

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2005

Eastern Kentucky University's National Advanced Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
March, 2006

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 2006

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2006

Investigating Motor Vehicle Fires
International Association of Arson Investigators and CFITrainer.net
November 2006

Digital Photography and the Fire Investigator
International Association of Arson Investigators and CFITrainer.net
November, 2006

Ethics and the Fire Investigator
International Association of Arson Investigators and CFITrainer.net
November, 2006

Fire Investigator Scene Safety
International Association of Arson Investigators and CFITrainer.net
November 2006

Fire Dynamics Calculations
International Association of Arson Investigators and CFITrainer.net
December, 2006

Insurance and the Fire Investigation
International Association of Arson Investigators and CFITrainer.net
January, 2007

An Analysis of the Station Nightclub Fire
International Association of Arson Investigators and CFITrainer.net
January, 2007

The Scientific Method for Fire and Explosion Investigation
International Association of Arson Investigators and CFITrainer.net
January, 2007

MagneTek: A Case Study in the Daubert Challenge
International Association of Arson Investigators and CFITrainer.net
February, 2007

Eastern Kentucky University's National Advanced Fire, Arson and Explosion
Investigation Training Program
National Association of Fire Investigators
March, 2007

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
August, 2007

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
September, 2007

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2007

Introduction to Evidence
International Association of Arson Investigators and CFITrainer.net
December, 2007

Critical Thinking Solves Cases
International Association of Arson Investigators and CFITrainer.net
December, 2007

Introduction to Fire Dynamics and Modeling
International Association of Arson Investigators and CFITrainer.net
December, 2007

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
March, 2008

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2008

Saudi Aramco Fire, Arson and Explosion Investigation Training Program
Trace Fire Safety Consultants and the National Association of Fire
Investigators
November, 2008

Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
International Association of Arson Investigators and CFITrainer.net
February, 2009

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
March, 2009

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
September, 2009

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2009

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
March, 2010

Saudi Aramco Fire, Arson and Explosion Investigation Training Program
Trace Fire Safety Consultants and the National Association of Fire
Investigators
August 2010

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2010

Residential Electricity for Fire Investigators
Fire Findings Laboratories
April, 2011

Dust Explosion Hazards
National Fire Protection Association
May, 2011

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
September, 2011

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2011

Northern Zone Fire Investigation Seminar
Illinois Chapter of the International Association of Arson Investigators
January, 2012

Writing the Initial Origin and Cause Report
International Association of Arson Investigators and CFITrainer.net
July, 2012

The Fire Investigator and the 2011 NFPA 921 Changes
International Association of Arson Investigators and CFITrainer.net
July, 2012

How First Responders Impact the Fire Investigation
International Association of Arson Investigators and CFITrainer.net
July, 2012

Effective Investigation and Testimony
International Association of Arson Investigators and CFITrainer.net
July, 2012

Wildland Fire Investigations
International Association of Arson Investigators and CFITrainer.net
July, 2012

Explosion Dynamics
International Association of Arson Investigators and CFITrainer.net
August, 2012

Search and Seizure
International Association of Arson Investigators and CFITrainer.net
August, 2012

The Practical Application of the Relationship between NFPA 1033 and NFPA
921
International Association of Arson Investigators and CFITrainer.net
August, 2012

29th Annual Fire Investigation Training Conference
Illinois Chapter of the International Association of Arson Investigators
September, 2012

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2012

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2013

Technical Standards and Safety Administration Fire Investigation Seminar
Trace Fire & Safety
September, 2014

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2014

Understanding Your Role in Fire Data
National Association of State Fire Marshals Foundation
November, 2014

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
October, 2015

Vacant and Abandoned Buildings: Hazards and Solutions
International Association of Arson Investigators and CFITrainer.net
February, 2018

Accreditation, Certification and Certificates
International Association of Arson Investigators and CFITrainer.net
February, 2018

Understanding the Fire Investigator's Job: A Guide for Non-Investigators
International Association of Arson Investigators and CFITrainer.net
February, 2018

Physical Evidence at the Fire Scene
International Association of Arson Investigators and CFITrainer.net
February, 2018

Documenting the Event
International Association of Arson Investigators and CFITrainer.net
February, 2018

The Importance of Electronic Evidence in Fire Cases
International Association of Arson Investigators and CFITrainer.net
February, 2018

Motive, Means and Opportunity: Determining Responsibility in an Arson Case
International Association of Arson Investigators and CFITrainer.net
February, 2018

Using Resources to Validate Your Hypothesis
International Association of Arson Investigators and CFITrainer.net
February, 2018

Engineering Tools for Wildland Fire Investigation: Fire Pattern Indicators to
Power Line Ignition and Safety
International Association of Arson Investigators
May, 2018

Wildland Fire Scene Origin & Cause Investigation Methodology
International Association of Arson Investigators
May, 2018

Wildland Fire Scene Ignition Factors & Sources
International Association of Arson Investigators
May, 2018

An Analysis of Powerline Causation Issues in the Wildland Fire Investigation
Context
International Association of Arson Investigators
May, 2018

CONTINUING SAFETY EDUCATION

Flammable Gases Seminar
National Fire Protection Association
November, 1991

The Role of Warnings and Instructions
College of Engineering, Department of Professional Engineering
Development, University of Wisconsin
March, 1995

The Role of Hazard Analysis Techniques in Evaluating Product Safety
College of Engineering, Department of Professional Engineering
Development, University of Wisconsin
April, 1998

Hotel Fire Safety Act
National Fire Protection Association
Lodging Section Program
November, 1992

Underground Storage Tank Management - Conducting A Hydrological
Investigation of Gasoline Tank Leakage
Hazardous Materials and Environmental Management Conference
March, 1993

OSHA Respirator Protection Training
Safety Unlimited, Inc.
October, 2017

A2 Respirator Basics
ClickSafety
October, 2017

Hazardous Waste Operations and Emergency Response
Environmental Trainers
October, 2017

Asbestos Awareness
Environmental Trainers
October, 2017

CONTINUING SECURITY EDUCATION

Conducting Security Surveys
Milwaukee Area Technical College
October, 1980

Retail Security Workshop
Milwaukee Area Technical College
October, 1980

Civil and Criminal Law Workshop
Milwaukee Area Technical College
February, 1981

Legal Issues
Milwaukee Area Technical College
August, 1984

CONTINUING EMERGENCY MANAGEMENT EDUCATION

Department of Homeland Security, Washington, D.C.,
Nationwide SAR Initiative

Suspicious Activity Reporting – Emergency Management Training

Department of Homeland Security, Washington, D.C., Federal Emergency
Management Agency, Texas A & M Engineering Extension Service

MGT 312- Senior Officials Workshop for All-Hazards Preparedness

AWR-160-W WMD/Terrorism Awareness for Emergency Responders

Department of Homeland Security, Washington, D.C.
Federal Emergency Management Agency/Office of Emergency
Communications

Communications Unit Leader (COML)
Kansas City, Kansas

Auxiliary Emergency Communicator (AUXCOMM)
Waukesha, Wisconsin

Illinois Emergency Management Agency
Springfield, Illinois

Leadership and Influence
Chicago, Illinois

Principles of Emergency Management
Bloomington-Normal, Illinois

Volunteer and Donations Management
Wheaton, Illinois

Effective Communications
Lemont, Illinois

Emergency Planning
Bloomington-Normal, Illinois

Homeland Security Exercise and Evaluation Program
DeKalb, Illinois

Tabletop Exercise Design
Aurora, Illinois

International Association of Emergency Managers
Falls Church, Virginia

2013 International Association of Emergency Managers Conference
Reno, Nevada

2014 International Association of Emergency Managers Conference
San Antonio, Texas

2015 International Association of Emergency Managers Conference

Las Vegas, Nevada

Illinois Emergency Services Management Association
Evansville, Illinois

Hazard Identification and Risk Assessment (HIRA) / Threat and
Hazard Identification and Risk Assessment (THIRA) Training

Special Needs Training – State of Illinois Standard Guide for
Population Related Disaster Services

2014 Illinois Emergency Services Management Association Training
Conference
Bloomington-Normal, Illinois

2015 Illinois Emergency Services Management Association Training
Conference
Springfield, Illinois

2016 Illinois Emergency Services Management Association Training
Conference
Springfield, Illinois

FEMA Emergency Management Institute, Washington, D.C
ISP – Independent Study Program

IS-1	Emergency Manager: An Orientation to the Position
IS-3	Radiological Emergency Management
IS-5.a	An Introduction to Hazardous Materials
IS-7	A Citizen's Guide to Disaster Assistance
IS-15.b	Special Events Contingency Planning for Public Service Agencies
IS-22	Are You Ready? An In-Depth Guide to Citizen Preparedness
IS-29	Public Information Officer Awareness
IS-33.12	FEMA Initial Ethics Orientation 2012

IS-35.12	FEMA Safety Orientation 2012
IS-33.13	FEMA Initial Ethics Orientation 2013
IS-35.13	FEMA Safety Orientation 2013
IS-33.14	FEMA Initial Ethics Orientation 2014
IS-35.14	FEMA Safety Orientation 2014
IS-36	Multi-Hazard Planning for Child Care
IS-37	Managerial Safety and Health
IS-42	Social Media in Emergency Management
IS-55.a	Household Hazardous Materials – A Guide for Citizens
IS-100.b	Introduction to Incident Command System
IS-100.he	Introduction to Incident Command System for Higher Education for School
IS-100.leb	Introduction to the Incident Command System for Law Enforcement
IS-100.sca	Introduction to the Incident Command System for Schools and Colleges
IS-100.hcb	Introduction to the Incident Command System for Healthcare/Hospitals
IS-100.pwb	Introduction to the Incident Command System for Public Works
IS-101.c	Preparing for Federal Disaster Operations: FEMA
IS-102.c	Preparing for Federal Disaster Operations: FEMA Response Partners
IS-106.15	Workplace Violence Awareness Training
IS-120.a	An Introduction to Exercises
IS-130	Exercise Evaluation and Improvement Planning

IS-139	Exercise Design
IS-200.b	ICS for Single Resources and Initial Action Incidents
IS-201	Forms Used for the Development of the Incident Action Plan
IS-208.a	State Disaster Management
IS-212	Introduction to Unified Hazard Mitigation Assistance
IS-230.b	Fundamentals of Emergency Management
IS-230.d	Fundamentals of Emergency Management
IS-235.b	Emergency Planning
IS-240.a	Leadership & Influence
IS-240.b	Leadership & Influence
IS-241.a	Decision Making and Problem Solving
IS-241.b	Decision Making and Problem Solving
IS-242.a	Effective Communication
IS 242.b	Effective Communication
IS-265	Basic Instructional Skills
IS-271.a	Anticipating Hazardous Weather & Community Risk
IS-288	The Role of Voluntary Agencies in Emergency Management
IS-288.a	The Role of Voluntary Agencies in Emergency Management
IS-317	Introduction to Community Emergency Response Teams
IS-319	Tornado Mitigation Basics for Mitigation Staff
IS-322	Flood Mitigation Basics for Mitigation Staff

IS-328	Plan Review for Local Mitigation Plans
IS-340	Hazardous Materials Mitigation
IS-366	Planning for the Needs of Children in Disasters
IS-368	Including People with Disabilities and Others with Access and Functional Needs in Disaster Operations
IS-393.a	Introduction to Hazard Mitigation
IS-394.a	Protecting Your Home or Small Business from Disaster
IS-453	Introduction to Homeland Security Planning
IS-454	Fundamentals of Risk Management
IS-524	Continuity of Operations (COOP) Planner's Workshop
IS-545	Reconstitution Planning Course
IS-546.12	Continuity of Operations Awareness Course
IS-547.a	Introduction to Continuity of Operations
IS-551	Devolution Planning
IS-559	Local Damage Assessment
IS-613	Technical Writing
IS-619	Research in Training and Education
IS-632.a	Introduction to Debris Operations
IS-660	Introduction to Public-Private Partnerships
IS-700.a	National Incident Management System (NIMS:) An Introduction
IS-703.a	NIMS Resource Management
IS-704	NIMS Communications and Information Management
IS-775	EOC Management and Operations

- IS-800.b National Response Framework: An Introduction
- IS-802 Emergency Support Function (ESF) #2 – Communications
- IS-805 Emergency Management
- IS-830 Introduction to NRF Annexes
- IS-907 Active Shooter: What You Can Do
- IS-909 Community Preparedness: Implementing Simple Activities for Everyone
- IS-910 Emergency Management Preparedness Fundamentals

Emergency Management Magazine
Folsom, California

2013 Emergency Management Summit
Chicago, Illinois

2014 Emergency Management Summit
Chicago, Illinois

2015 Emergency Management Summit
Chicago, Illinois

College of DuPage Homeland Security Education Center
Glen Ellyn, Illinois

London Riots and Bombing Response and Recovery Workshop

CONTINUING EMERGENCY COMMUNICATIONS EDUCATION

Department of Homeland Security, Washington, D.C.
Federal Emergency Management Agency/Office of Emergency
Communications

E0969 NIMS ICS All-Hazards Communications Unit Leader
(COML)

L0146 Homeland Security Exercise and Evaluation Program
(HSEEP) Course

Department of Homeland Security, Washington, D.C.
Office of Emergency Communications / Interoperable Communications
Technical Assistance Program

Auxiliary Emergency Communications

American Radio Relay League, Newington, CT
CEP - Continuing Education Program

- EC-001 Introduction to Emergency Communications
- EC-002 Intermediate Emergency Communications
- EC-003 Advanced Emergency Communications
- EC-008 VHF/UHF – Life Beyond the Repeater
- EC-015 Public Information Officer
- EC-016 Public Service and Emergency Communications
Management for Radio Amateurs
- ARRL 1247 Digital Technology for Emergency Communications

CONTINUING SEVERE WEATHER MITIGATION EDUCATION

National Weather Service, Romeoville, IL
Severe Weather Spotter Training

eSpotter Introduction Training
Severe Weather Spotter Training – Annually

National Science Foundation National Center for Atmospheric Research,
Boulder, CO
University Corporation for Atmospheric Research

Role of the SKYWARN Spotter

SKYWARN Spotter Convective Basics

SKYWARN Spotter Training
Anticipating Hazardous Weather & Community Risk

FEMA Emergency Management Institute, Washington, D.C.
Independent Study Program

IS-319 Tornado Mitigation Basics for Mitigation Staff

DuPage County Office of Homeland Security and Emergency Management,
Wheaton, IL
Advanced Severe Weather Seminar

Advanced Severe Weather Seminar – Annually

Amateur Radio Relay League
Newington, CT
Hurricane Season Webinar

Hurricane Season Webinar - Annually

INSTRUCTIONAL POSITIONS

Adler University
Emergency Management Leadership Program
Program Director/Professor

Adler School of Professional Psychology
Police Psychology Program
Professor

Quality Matters
Maryland Online
Peer Reviewer

American Radio Relay League
Emergency Communications
Certified Emergency Communications Field Instructor

American Radio Relay League
Emergency Communications
On-Line Instructional Mentor

American Radio Relay League
Emergency Communications
Certified Emergency Communications Field Examiner

State of Wisconsin
Board of Vocational, Technical and Adult Education
Fire Service Instructor I

State of Wisconsin
Board of Vocational, Technical and Adult Education
Fire Service Instructor II

William Rainey Harper College
Fire Science
Adjunct Instructor
Milwaukee Area Technical College
Police Science Technology
Adjunct Instructor

Milwaukee Area Technical College
Fire Science Technology
Adjunct Instructor

CONTINUING INSTRUCTIONAL METHODOLOGY EDUCATION

Higher Learning Commission
Continuing Education
Workshop on Student Persistence and Completion

Higher Learning Commission
Continuing Education
Workshop on Assessment of Student Learning

State of Wisconsin
Board of Vocational, Technical and Adult Education
Instructional Methodology

Federal Emergency Management Agency
Emergency Management Institute
Basic Instructional Skills

Federal Emergency Management Agency
Emergency Management Institute
Research in Training and Education

American Radio Relay League
Continuing Education Program
Certified Emcomm Field Instructor

National Association of Fire Investigators
National Certification Board
Fire Investigation Instruction

Quality Matters Program
Maryland Online
Applying the Quality Matters Rubric Course

Quality Matters Program
Maryland Online
Peer Reviewer Course

Adler University
Adler Online
Online Technology and Pedagogy Training Course

Quality Matters Program
Maryland Online
2014 Quality Matters Rubric Update Course

Quality Matters Program
Maryland Online
Professional and Continuing Education Review Course

Quality Matters Program
Maryland Online
Master Reviewer Course

INSTRUCTIONAL POSITIONS – ENGAGEMENT SPECIFIC

Fire/Arson Detection
United States Fire Administration's National Fire Academy Field Program
Chief Instructor
October, 1984

Fire/Arson Detection
United States Fire Administration's National Fire Academy Field Program
Chief Instructor
March, 1985

Arson Investigation
Milwaukee Area Technical College
Exclusive Instructor
March, 1986

Fire/Arson Detection
United States Fire Administration's National Fire Academy Field Program
Exclusive Instructor
May, 1986

5th Annual Midwest Conference – Fire Investigation Training Resources
International Society of Fire Service Instructors
Instructor
September, 1986

25th Annual Conference – Fire Investigation Training Resources
Wisconsin Society of Fire Service Instructors
Instructor
February, 1987

Arson Investigation
Milwaukee Area Technical College
Exclusive Instructor
March, 1987

Fire/Arson Detection
United States Fire Administration's National Fire Academy Field Program
Exclusive Instructor
March, 1987

Textiles for Interiors Course – Fire Safety Considerations in Interior Design
Milwaukee Area Technical College
Guest Instructor
March, 1987

Arson Investigation
Milwaukee Area Technical College
Exclusive Instructor
March, 1988

Arson Investigation
Milwaukee Area Technical College
Exclusive Instructor
April, 1988

Quarterly Training Seminar – Incendiary Fire Devices
Wood County Fire Investigation Task Force
Guest Instructor
April, 1988

Annual Training Seminar – Incendiary Fire Devices
Marquette County Firemen's Association
Guest Instructor
April, 1988

Regional Training Seminar – Firefighter's Role in Fire Investigation,
Grand Rapids Fire Department
Guest Instructor
October, 1988

Arson Investigation
Milwaukee Area Technical College
Exclusive Instructor
March, 1989

Arson Investigation
Milwaukee Area Technical College
Exclusive Instructor
April, 1989

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
August, 1989

National Conference on Fire Investigation Instruction
Primary Instructor
National Association of Fire Investigators
January, 1990

Arson Investigation
Milwaukee Area Technical College
Exclusive Instructor
March, 1990

Fire Investigation Course for Professional Development
Eastern Kentucky University
Primary Instructor
March, 1990

Fire Investigation Training Seminar
University of Southern Mississippi
Primary Instructor
June, 1990

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
August, 1990

Fire Litigation and Explosion Investigation Training Seminar
HMR Fire Technology Institute
Primary Instructor
September, 1990

1st Annual Fire and Explosion Investigation Training Program
Sacramento County Fire Investigation Unit
Primary Instructor
November, 1990

Fire Investigation Course for Professional Development
Eastern Kentucky University
Primary Instructor
April, 1991

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
August, 1991

Arson Investigation
Milwaukee Area Technical College
Exclusive Instructor
February, 1992

Fire Investigation Course for Professional Development
Eastern Kentucky University
Primary Instructor
March, 1992

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
August, 1992

Public Defender's Conference – Fire Investigation
State of Wisconsin Public Defender's Office
Guest Instructor
October, 1992

Fire Science and Technology Educator's Section Program
National Fire Protection Association
Primary Instructor
November, 1992

FPETool and Hazard I User's Conference
National Institute of Standards and Technology
Guest Instructor
October, 1992

Fire Investigation Course for Professional Development
Eastern Kentucky University
Primary Instructor
March, 1993

Regional Training Program
Northern Illinois Arson Task Force
Guest Instructor
April, 1993

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
August, 1993

Conference on Community College Fire Science and Technology Core Curriculum
National Fire Protection Association
Guest Instructor
September, 1993

Advanced Arson Investigation Seminar
Denver Fire Department Arson Squad
Guest Instructor
March, 1994

Fire Investigation Course for Professional Development
Eastern Kentucky University
Primary Instructor
March, 1994

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
August, 1994

Rocky Mountain Fire, Arson and Explosion Investigation Training Program
Aurora Fire Department
Primary Instructor
January, 1995

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
August, 1995

Annual Training Seminar
Washington State Chapter of the International Association of Arson Investigators
Guest Instructor
September, 1995

Annual Training Seminar
Colorado Association of Property and Evidence Technicians
Guest Instructor
September, 1995

Fire Science and Technology Educator's Section Program
National Fire Protection Association
Primary Instructor
November, 1995

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 1995

National Advanced Fire, Arson and Explosion Investigation Training Program
Eastern Kentucky University
Primary Instructor
March, 1996

National Advanced Fire, Arson and Explosion Investigation Training Program
Eastern Kentucky University
Primary Instructor
March, 1997

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
July, 1997

Texas Fire, Arson and Explosion Investigation Training Symposium
Missouri City Fire Department, Texas A & M University
Primary Instructor
September, 1997

Annual Training Seminar
Wisconsin Arson Insurance Council
Guest Instructor
November, 1997

Annual Fire Investigation Training Program
Burlington County, New Jersey Arson Task Force
Guest Instructor
January, 1997

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
July, 1998

Annual National Training Program
Crawford Company Special Investigation Unit
Primary Instructor
August, 1998

Texas Fire, Arson and Explosion Investigation Training Symposium
Missouri City Fire Department and Texas A & M University
Primary Instructor
August, 1998

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
November, 1998

National Seminar on Fire Analysis Litigation
National Association of Arson Investigators
Instructor
January, 1999

National Advanced Fire, Arson and Explosion Investigation Training Program
Eastern Kentucky University
Primary Instructor
April, 1999

Florida Fire & Explosion Investigation Symposium
National Association of Fire Investigators
Primary Instructor
July, 1999

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
August, 1999

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
November, 1999

National Seminar on Fire Analysis Litigation
National Association of Fire Investigators
Instructor
January, 2000

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
November, 2000

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Instructor
August, 2001

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2001

National Advanced Fire, Arson and Explosion Investigation Training Program
Eastern Kentucky University
Instructor
April, 2002

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Instructor
August, 2002

National Seminar on Fire Analysis Litigation
National Association of Fire Investigators
Instructor
January, 2002

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
Instructor
September, 2002

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2002

National Fire, Arson and Explosion Investigation Training Program
Eastern Kentucky University
Instructor
August, 2003

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
Instructor
October 2003

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2003

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Instructor
August, 2004

National Advanced Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Instructor
March, 2004

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
Instructor
September 2004

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2004

National Advanced Fire, Arson and Explosion Investigation Training Program
Eastern Kentucky University
Instructor
March, 2005

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Instructor
August, 2005

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
Instructor
September, 2005

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Instructor
October, 2005

Motor Vehicle Fire Investigation – A Primer
Elgin Regional Fire Academy
Exclusive Instructor
May 2006

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Instructor
August, 2006

Compartment Fire Dynamics and Advanced Fire Pattern Analysis – Origin
Determination Utilizing Heat and Flame Vector Analysis
Marengo, Illinois Fire Department
Exclusive Instructor
September, 2006

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2006

National Advanced Fire, Arson and Explosion Investigation Training Program
Eastern Kentucky University
Instructor
March, 2007

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Instructor
August, 2007

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
Instructor
September, 2007

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2007

Introduction to Emergency Communications
American Radio Relay League
Exclusive Instructor
January, 2008

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Instructor
March, 2008

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2008

Saudi Aramco Fire, Arson and Explosion Investigation Training Program
Trace Fire Safety Consultants
Primary Instructor
November, 2008

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Instructor
March, 2009

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
Instructor
September, 2009

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2009

Introduction to Emergency Communications
American Radio Relay League
Exclusive Instructor
January, 2010

National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Instructor
March, 2010

Saudi Aramco Fire, Arson and Explosion Investigation Training Program
Trace Fire Safety Consultants
Primary Instructor
August, 2010

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2010

Fire Investigation Training Program for the United States Consumer Product
Safety Commission
Eastern Kentucky University
Primary Instructor
December, 2010

Central Zone Annual Training Conference
Central Illinois Fire Investigators Association
Guest Instructor
April, 2011

Vehicle Fire, Arson and Explosion Investigation Science and Technology
Seminar
National Association of Fire Investigators
Instructor
September, 2011

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2011

Northern Zone Fire Investigation Seminar
Illinois Chapter of the International Association of Arson Investigators
Instructor
January, 2012

29th Annual Fire Investigation Training Conference
Illinois Chapter of the International Association of Arson Investigators
Instructor
September, 2012

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2012

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2013

Psychology of Leadership
City of Chicago Police Academy
January 2014

Introduction to the Incident Command System
DuPage County Amateur Radio Emergency Service
Primary Instructor
January, 2014

ICS for Single Resources and Initial Action Incidents
DuPage County Amateur Radio Emergency Service
Primary Instructor
May, 2014

Technical Standards and Safety Administration Fire Investigation Seminar
Trace Fire & Safety
Primary Instructor
September, 2014

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2014

National Incident Management System (NIMS): An Introduction
DuPage County Amateur Radio Emergency Service
Primary Instructor
October 2014

National Response Framework (NRF): An Introduction
DuPage County Amateur Radio Emergency Service
Primary Instructor
November 2014

Introduction to the Incident Command System
DuPage County Amateur Radio Emergency Service
Primary Instructor
March 2015

Incident Command System for Single Incident and Initial Action
DuPage County Amateur Radio Emergency Service
Primary Instructor
July 2015

Canadian National Fire, Arson and Explosion Investigation Training Program
National Association of Fire Investigators
Primary Instructor
October, 2015

Motor Vehicle Fire Investigation – A Primer
Elgin Fire Department
Exclusive Instructor
October, 2017

RECENT PRESENTATIONS

Bringing Social Justice to Emergency Management Leadership
Adler University
Chicago, Illinois

Changing Landscape of Emergency Management
Adler University
Chicago, Illinois

Emergency Management Leadership
Adler University
Chicago, Illinois

Bringing Social Justice to Emergency Management
Adler University
Chicago, Illinois

Emergency Management and the Role of Higher Education
Adler University
Online Webinar

Evolution of Emergency Management in a Global Society
Association of Threat Assessment Professionals
Chicago, Illinois

Impact/Interventions: Crises and Disasters for People with Disabilities
Adler University
Chicago, Illinois

Emergency Management Strategies: Crises and Disasters for People with Disabilities

Adler University
Chicago, Illinois

Strategic Planning: Goal Setting

Chicago Chapter - Association of Threat Assessment Professionals
Chicago, Illinois

Industrial Security and Emergency Management – A Necessary Partnership

Chicago Chapter – American Society for Industrial Security
Chicago, Illinois

Safeguarding the Psychological Well-Being and Mental Health of Your Personnel: Strategies and Interventions

Illinois Emergency Services Management Association
Springfield, Illinois

Safeguarding the Psychological Well-Being and Mental Health of Your Personnel: Strategies and Interventions

Hanover Park Township Emergency Services
Bartlett, Illinois

PAPERS AND PUBLICATIONS

The Dispatcher

Badger Firemen's Association
Monthly Contributor

The National Fire Investigator

Journal of the National Association of Fire Investigators
Editor and Regular Contributor

National Fire Code NFPA 907M, entitled *Manual for the Determination of Electrical Fire Causes*

National Fire Protection Association
Committee Member

National Fire Code NFPA 921, 1992 Edition, entitled *Guide for Fire and Explosion Investigations*

National Fire Protection Association
Committee Member

National Fire Code NFPA 921, 1995 Edition, entitled *Guide for Fire and Explosion Investigations*

National Fire Protection Association
Committee Member

National Fire Code NFPA 921, 1998 Edition, entitled *Guide for Fire and Explosion Investigations*

National Fire Protection Association
Committee Member

National Fire Code NFPA 921, 2014 Edition, entitled *Guide for Fire and Explosion Investigations*

National Fire Protection Association
Committee Member

National Fire Code NFPA 921, 2017 Edition, entitled *Guide for Fire and Explosion Investigations*

National Fire Protection Association
Committee Member

Introduction to Fire Origin and Cause, 3rd Edition

International Fire Service Training Association
Committee Member

Fire Investigator, 2nd Edition

International Fire Service Training Association
Committee Member

Introduction to Fire Origin and Cause, 4th Edition

International Fire Service Training Association
Committee Member

*The Virtues of the Online/Face-to-Face Blend in Emergency Management
Higher Education*

Illinois Cops Magazine

*Experts: Emergency Management and Disaster Response Must Address
Psychological Trauma and Mental Health*

USA Today Homeland Security Special Edition

Fire Investigator, 3rd Edition

International Fire Service Training Association
Committee Member

PROFESSIONAL AWARDS/ACHIEVEMENTS

Certification of Appreciation for Valuable Contributions
Adler School of Professional Psychology

John Charles Wilson Scholarship Award
International Association of Arson Investigators

Firefighter of the Year
Ozaukee County Association of Fire Departments

Common Council Official Resolution 86-19
City of Cedarburg, Wisconsin

Honorable Mention for the Firefighter of the Year Award
Badger Firemen's Association

Fire Safety Education Award
Cedarburg Fire Department

Official Citation for Exemplary Service
Cedarburg Police Department

Kentucky Colonel
Governor Wallace G. Wilkinson
Commonwealth of Kentucky

Man of the Year Award
National Association of Fire Investigators

Material Review Committee Service Plaque
Introduction to Fire Origin and Cause, 3rd Edition
International Fire Service Training Association

Material Review Committee Service Plaque
Fire Investigator, 2nd Edition
International Fire Service Training Association

Material Review Committee Service Plaque
Introduction to Fire Origin and Cause, 4th Edition
International Fire Service Training Association

Instructional Service Award Plaque
Central Illinois Fire Investigator's Association

Board of Director's Award
Illinois Chapter of the International Association of Arson Investigators

Official Emergency Station (OES)
American Radio Relay League
Field Organization

Public Information Officer (PIO)
American Radio Relay League
Field Organization

PROFESSIONAL AFFILIATION COMMITTEE ASSIGNMENTS

International Fire Service Training Association

Validation Committee for *Fire Investigator*

National Fire Protection Association (NFPA)

Technical Committee on Fire Investigations

PROFESSIONAL AFFILIATIONS

Association of Threat Assessment Professionals (ATAP)

International Association of Emergency Managers (IAEM)

DRI International (DRI)

Association of Continuity Planners (ACP)

Illinois Emergency Services Management Association (ISEMA)

Disaster Emergency Response Association (DERA)

Infragard

Infragard – Chicago Chapter

International Public Safety Association (IPSA)

National Fire Protection Association (NFPA)
American Society of Safety Engineers (ASSE)
National Emergency Management Association (NEMA)
American Society for Public Administration (ASPA)
National Fire Academy Alumni Association (NFAAA)
National Association of Fire Investigators (NAFI)
International Association of Arson Investigators (IAAI)
Illinois Chapter of International Association of Arson Investigators (IL-IAAI)
Canadian Association of Fire Investigators (CAFI)
Society of Fire Protection Engineers (SFPE)
American Society for Testing and Materials (ASTM)
Society of Automotive Engineers (SAE)
American Society of Industrial Security (ASIS)
American Radio Relay League (ARRL)
Honorable Order of the Kentucky Colonels

ACADEMIC AFFILIATIONS

Quality Matters
Phi Kappa Phi Honors Society
The Sloan Consortium
University of Cincinnati Alumni Association
Eastern Kentucky University Alumni Association

Eastern Kentucky University College of Justice & Safety Alumni Society

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