

# Michael J. Fagel, PhD., CEM

**Senior Emergency Planner-Homeland Security Trainer-OSHA Compliance & Educator**

MJFagel@aol.com 630.234.6611  
65 S Randall Road North Aurora, IL 60542

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## Career Snapshot: 45 Years as a First Responder and Instructor

### **Career Highlights:**

- World Trade Center Attacks deployment (support FDNY Command Staff, US DOJ OSLDPS)
- Oklahoma City Bombing (Safety and CISD team)
- Salt Lake City Olympics (EOC support and training)
- Professor, Homeland Security Northwestern University, Northern Illinois University, University of Chicago, Illinois Institute of Technology, Aurora University
- Team lead: 9-11 events, FEMA Large Scale Catastrophic Incident Study 2010
- NLE 11 Exercise team, MCC Branch Director
- Hurricane Sandy DR 4058, Critical Infrastructure New York City 2012
- MEP Trainer for DTRA-Middle East Operations
- NSC First Aid Instructor-Trainer
- SAFTD.org Master Firearms Instructor-Trainer
- NRA-Firearms Instructor-RSO
- SAFTD Law Enforcement Firearms Instructor 1
- SAFTD Instructor 1
- Illinois Registered Law Enforcement Fire Arms Instructor
- Corporate Risk Manager
- FEMA EMI Executive Academy CORE Instructor Team

### **Selected Instructor Experience (DHS Courses)**

- DHS- AWR 118 Response to Biological Incidents
- DHS-AWR-117 Community Agro Terrorism
- DHS-AWR-315 Criminal Intelligence Analysis Essentials
- DHS-PER-219 Integrated Response WMD Incident
- DHS-PER-220 Emergency Response to Domestic Biological Incidents
- DHS-MGT-324 Executive Seminar, Prevention, Response, Recovery from Campus Emergencies
- DHS-MGT-322 Preparedness and Response to Agricultural Terrorism
- DHS-PER 340 Active Threat Integrated Response
- DHS-AWR 219 Site Protection through Observation
- DHS-MGT-310 Terrorist Threat Guidelines, Law Enforcement Planning and Response to Changing Threat Levels
- DHS-MGT-409 Community Healthcare Planning & Response to Disasters
- DHS-MGT-418- Readiness: Training Identification & Preparedness Planning
- DHS-MGT-447 Managing Food Emergencies: Strategies for Community Response
- DHS-SOPD Critical Thinking for Fusion Centers
- Risk Analysis for Fusion Centers
- CTAM/PWIB Intel Officer Training Course
- Soft Target Hardening & Critical Infrastructure
- Aggressive Deadly Behavior-Terrorist Attack

### **Selected Publications:**

- *Fagel, Michael J., Soft Targets and Crisis Management: What Emergency Planners and Security Professionals Need to Know (CRC Press Taylor & Francis Boston, MA 2017).*
- *Fagel, Michael J., Crisis Management and Emergency Planning: Preparing for Today's Challenges (CRC Press Taylor & Francis Boston, MA 2014).*
- *Fagel, Michael J., Principles of Emergency Management: Hazard Specific Issues & Mitigation Strategies (CRC Press Taylor & Francis Boston, MA 2012).*
- *Fagel, Michael J., Principles of Emergency Management and Emergency Operations Centers (EOC) (CRC Press Taylor & Francis Boston, MA 2010).*
- *Fagel, Michael J., Emergency Operations: EOC Design, Louisville, KY, Chicago Spectrum Press, 2008.*
- *Fagel, Schuman, and Thomas Schneid. Food Safety Law, New York, Van Nostrand Reinhold, 1997.*

### **Certifications:**

- Certified Emergency Manager (CEM)
- Louisiana Emergency Manager

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- Certified Hazard Control Manager (CHCM)
- Certified Health Care Emergency Professional
- Certified Trauma Responder (CTR)
- NSC First Aid Instructor-Trainer
- Homeland Security Exercise & Evaluation Program HSEEP

### Education:

- Doctor of Philosophy, OSHA, Columbia Southern University
- Masters of Science, OSHA, Columbia Southern University
- Bachelors of Science, Criminal Justice, University of Nebraska

### Additional Relevant Experience

#### Emergency Management/Preparedness

- Served as emergency manager for multiple county and municipal projects.
- On FEMA Command Staff at presidentially-declared disasters.
- Participated in TOPOFF 2, 3, and 4, as well as NLE 11 and 12.
- Exercise Director for a multi-state and international agro-terror exercise.
- Exercise Team for regional and national events
- SME for Hillard Heintz Chicago

#### Homeland Security and Law Enforcement

- Course Developer for NCBRT in:
  - Agricultural Terrorism
  - Integrated Response to Jurisdictions Response (WMD)
  - WMD-Public Works
  - Executive Seminar to Campus Emergencies
  - Critical Incident Stress
- Consultant to Argonne National Laboratory Security Counterintelligence Division
- Consultant to Kane County Sheriff's Department
- Professor, Homeland Security, Northwestern University
- Emergency Management- CORE Faculty at University of Chicago 2007-2010
- NORC at University of Chicago, Researcher 2010-present
- Director, Sugar Grove Township Office of Homeland Security

#### Energy

- DoE Exercise Developer for Argonne National Laboratory – full functional exercise
- Compliance Oversight and Assessment for DoE-HSS Investigative Teams
- CI/KR Emergency Service Sector-Food Services Sector-Public Health Sector

#### Intelligence and Fusion Center Instruction Experience

- Instructor for DHS Office of Intelligence and Analysis (I&A) Trainings
  - Critical Thinking and Analytic Methods
  - Principles of Intelligence Writing and Briefing
  - Introduction to Risk Management for Fusion Center Analysts
  - Intermediate Risk Management for Fusion Center Analysts
  - SAR Training for Fusion Center Personnel
- DHS PSA Playbook guidance on threats to CI/KR

#### Food Safety/Agro-terrorism

- Lead Course Developer for DHS NCBRT on Agro-terrorism
- Critical Infrastructure-Key Resources (CI/KR) Analyst – DHS Taxonomy on CI/KR
- Threat Risk/Vulnerability Facility Red Teams

#### Public Health Preparedness

- Strategic National Stockpile (SNS) Planner for Counties
- Exercise Developer for SNS Distribution
- Public Health Instructor at Benedictine University
- Pandemic Planner for a Chicago-based social service agency and University Emergency Response Teams

#### National Guard Bureau

- CERiAC Intelligence Analysis Center Team lead
- Watch Desk Officer for 23 months at CERiAC initial stand up (2004)
- Sector Lead for CI/KR assignment desk for 13 months

#### Incident Command System Trainings

- IS-100 Intro to ICS, FEMA, 2007
- IS-0014-FEMA Employee Orientation
- IS-120a Intro to Exercises
- IS-200 ICS for Single Resources
- ICS-300 Intermediate ICS for Expanding Incidents
- ICS-400 Advanced ICS Command/General Staff
- IS-230 Principles of Emergency Management, 2008
- IS-5 Intro to Hazardous Materials, FEMA, 2008
- IS-775 EOC Management and Operations, FEMA, 2008
- IS-700 National Incident Management System, FEMA, 2005
- IS-800 National Response Plan, FEMA, 2005
- IS-808 ESF # 8, Public Health & Medical
- IS-860 Intro to National Infrastructure Protection

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## College and University Affiliations

### **Aurora University** 2013 – Present

*Masters of Emergency Management Program Course Developer & Instructor*

Courses taught in:

- Emergency planning
- Cyber security
- Critical infrastructure

### **Illinois Institute of Technology** 2012 – Present

*Master's Program Course Developer and Instructor*

Courses taught in:

- Bioterrorism
- Cyber threat
- Homeland security
- Vulnerability of soft targets
- Critical infrastructure

### **Northern Illinois University** 2010 – Present

*Master's Program Course Developer and Instructor*

Courses taught in:

- Emergency planning
- Homeland security
- Disaster management

### **College of DuPage** 2014 – Present

*Homeland Security Training Institute*

- Soft targets course developer
- Target hardening course developer
- Terrorist attack cycle indications

### **Eastern Kentucky University** 1993 – Present

*MS Program Subject Matter Expert and Instructor*

- Safety, Security & Emergency Management Master's Program, OSHA and EM

### **Northwestern University** 2009 – 2014

*Master of Public Administration Professor*

Courses taught in:

- Biological terrorism and homeland security
- Advanced threat and terrorism response
- Critical infrastructure and vulnerability
- Consequence management

### **University of Chicago** 2005 – 2010

*Master of Science in Threat Response Management Instructor*

- Subject matter expert for new threat response management program
- Instructed the 2007, 2008, and 2009 cohort until Cancer Surgery

### **Benedictine University** 2003 – 2013

*Master of Public Health Program*

Courses taught in:

- Bioterrorism
- Critical infrastructure
- Hazard vulnerability
- Crisis management
- Homeland security

### **Waubensee Community College** 1975 – 1985

*Instructor*

- EMS instructor
- Exercise developer
- Disaster exercise developer
- Field trainer

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Career Chronology

- Aurora University Public Safety Officer** **2015 – Present**
- Campus Public Safety Officer-PRN
  - Intelligence Officer
  - A.L.I.C.E. Trainer
  - Emergency Planner
- North East Multi-Regional Training Mobile Police Training Unit MU#3** **2013 – Present**
- Instructor, Course Developer
    - Indicators of the Terrorist Attack Cycle
    - Intelligence Officer Training-Basic Skills
- Lieutenant, Terrorism Liaison Officer, Fox River Fire Protection District** **2012 – Present**
- Emergency and Exercise Planner
  - High Risk Occupancy Liaison Officer (LNO) (Mega Churches, High Schools, Court House Complex)
  - LNO to Law Enforcement School Security on High Consequence Occupancies
  - External venues threat planner
- National Center for Security & Preparedness** **2007 – Present**
- Instructor, Subject Matter Expert (SME) and Facilitator
    - Critical Thinking Course Instructor
    - Indicators of the Terrorist Attack Cycle-Basic Instructor
    - Indicators of the Terrorist Attack Cycle-Advanced Instructor
    - Active Shooter and Integrated Response Instructor, SME
- Argonne National Laboratory Risk and Infrastructure Science Center** **2003 – Present**
- DHS Intelligence & Analysis Fusion Center SME and Trainer, Suspicious Activity Reporting (SAR)
  - Tech Support Specialist
  - Develop No Notice Exercises
    - No notice site-wide terrorism, complex attack sector training
    - Fully functional, multi-venue exercise involving nuclear, chemical and hostage situation for DOE HQ exercises
  - Developed Fusion Center Training
  - Instructor Risk, Threat & Vulnerability Training Course on Critical Infrastructure for DHS, PDS, and OCIA
  - NLE Support, DHS Support for High Risk, High Profile Venues and Occupancies
  - CVIP Paper Development on Threat Vulnerability of Critical Infrastructure
  - Deployed to Fusion Centers Nationwide and Territories (Instructor and Technical Assistance)
- Louisiana State University-National Center for Biomedical Research and Training** **2002 – Present**
- Team member on course development and course rewrites
  - Developed numerous scenarios for National Center for Biomedical Research and Training and partners of DHS
  - Executive Seminar, Integrated Response, RTIPP, Agro, Community Health, CIA-E
  - Scenario Development for State & Federal Partners
  - Red Team Member SME
  - Senior Instructor, over 160 deliveries

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**Kane County Sheriff's Department** **2008 – 2014**

- Auxiliary Sheriff's Deputy – Trainer and Exercise Planner
  - Court Complex Threat Vulnerability Planner
  - Developed multiple courthouse attack exercises (TTX & Full Scale)
  - THIRA Planner for County Buildings

**Booz-Allen-Hamilton Subject Matter Expert and Consultant** **2005 – 2010**

- National Level Exercise Support
- National Level Exercises, NLE 11, NLE 12
- Exercise Developer and Facilitator

**Raytheon Missile Systems Subject Matter Expert and Consultant** **2004 – 2009**

- Middle East support operations building a "FEMA type" National Response Plan
- Creating FEMA-style organization nationally for a Middle East ally country for Federal Government
- Scenario development for contingencies, CBRNE
- Threat and Vulnerability Trainer & Exercise Developer

**US Army, Aberdeen Proving Grounds, Maryland** **2003 – 2006**

*Soldier Biological Chemical Command (SBCCOM)*

- Federal Executive Board and Base facility exercises, WMD and Terrorism Support SBCCOM
- Facility Protection SME
- Red Team Member
- Consultant to Federal Reserve Board for US Army SBCCOM
- National Guard Bureau HQ
  - CERIAC Intelligence Operations
  - Critical Infrastructure Support

**SAIC Consultant** **2001 – 2005**

- Salt Lake City EOC Operations during the Olympics
- NLD Support for US Department of Justice on City Vulnerability
- WTC Personal Protective Equipment Research for Disaster Operations
- Regional Exercise Planner and Facilitator

**Emergency Management Institute, Emmitsburg, MD** **1999-present**

- Integrated response courses to terrorism (SME & Instructor)
- G408 Terrorism Response Planning (Instructor)
- FEMA EMI Executive Academy Core Facilitator and Course Developer

**Community Research Associates, Consultant to US DOJ & FEMA**

**1997 – 2003**

- National Level Exercises (multiple states)
- Technical Support for Nunn Lugar Domenici (NLD) Training WMD Support
- 2001 World Trade Center Attack (mission support, spent 100 days at Ground Zero)
- 2002 SAIC – Salt Lake City Olympics EOC Manager Weber County Venue

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- Emergency Response to Terrorism-Basic Concepts, (ERT-BC) Developer & Instructor
- FDNY ERT-BC Instructor for over 1200 FDNY & NYPD Officers after 9/11 attacks (24-month cycle)
- USMC EOC Operations Course-SME

**Kane County Sheriff's Police Department** **1976 – 1986**

- EMS Trainer and Road Patrol Operations
- Sheriff's Auxiliary Deputy

**North Aurora Fire Protection District** **1975 – 2003**

- EMS Coordinator, Emergency Management Director, EMS Training Officer
- City Emergency Planner, Multi-Agency Exercise Developer
- Communications Officer
- Safety Officer
- Captain 1998-2003, Training Officer & Exercise Planner-Facilitator
- LEPC Chairman

**FEMA Disaster Safety Officer, Reservist** **1995 – 2005**

- Safety Operations at Oklahoma City Bombing 1995
- September 11, 2001 World Trade Center Attacks, Safety Officer for FDNY
- Deployable asset at federally declared disasters, ICS role in Command Staff
- Served on Command Staff under Incident Commander as Safety Officer

**Member of FBI National Domestic Preparedness Office (NDPO)** **1999 – 2001**

**Aurora Packing Company, Inc.** **1975 – 2015**

- Safety and Security – Regulatory Affairs Liaison Officer
- Worldwide cargo transport security operations
- 1980-2000 – OSHA compliance
- 1980-2005 Fleet Operations Manager, CDL Examiner
- 1990-2005 – Worldwide Threat & Security
- 2005-2015 – Corporate Risk & Security Operations

**Nebraska Department of Law Enforcement** **1973 – 1975**

- Law Enforcement Operations – Truck Enforcement Regulatory Operations, Major Accident Unit
- Nebraska OSHA Facility Accident Investigations
- Campus Operational Planner

**Simpson College Public Safety, Police Officer** **1970 – 1973**

- Facility Planning and Operations
- Security Operations Event Planning & Staffing

**SC Iowa Police Training Academy Basic Training** **June 1970 – Sept. 1970**

- Traffic, Law, Reports, Investigations, Evidence, Vehicle Operations, Self Defense, etc.

**Aurora, IL Auxiliary Police** **Sept. 1968 – June 1970**

- Communications, Traffic, Criminal Law