

Michael J. Fagel, PhD., CEM

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

MJFagel@aol.com 630.234.6612

65 S Randall Road Box 882 North Aurora, IL 60554

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
- Board Member Sugar Grove Fire Protection District
- Elected Township Official
- Appointed County 911 Board member
- Northern Illinois Crisis Team member 1995-present

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.*

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- Active Threat-Integrated Response PER 340
- Surviving an Active Threat Run Hide Fight
- Active Threats on Campus Protective Measures and Response

Selected Certifications:

- Certified Emergency Manager (CEM)
- Certified Protection Officer, CPO and Instructor
- Certified Hazard Control Manager (CHCM)
- Certified Health Care Emergency Professional
- Certified Trauma Responder (CTR)
- Stop the Bleed Instructor
- Bleeding Control.org Instructor
- NSC First Aid Instructor-Trainer
- Certified EMS Instructor, FFII
- Homeland Security Exercise & Evaluation Program HSEEP
- Illinois Registered Law Enforcement Firearms Instructor

Education:

- Doctor of Philosophy, OSHA, Columbia Southern University
- Master of Science, OSHA, Columbia Southern University
- Bachelor of Science, Criminal Justice, University of Nebraska
- AA Fire Protection Engineering, University of Nebraska, Omaha

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
- Large Scale Catastrophic Incident Study, FEMA 2010
- 9/11 Events Team Lead
- NLE 11 Exercise Design Team
- NLE 11 MCC Branch Chief
- Operation Enduring Resolve, Intel Branch Chief, Washington, DC (2014)

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
- Board of Trustees, Sugar Grove Fire Protection District
- Board Member, Kane County 911-PSAP Commission
- Chairman, RRDD Kane County Drainage District Board

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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

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

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

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

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College and University Affiliations

Aurora University 2013 – Present

Master of Emergency Management Program Course Developer & Instructor

Courses taught in:

- Emergency planning
- Cyber security
- Critical infrastructure
- Soft Targets

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
- Crisis Management

Northern Illinois University 2009 – Present

Master's Program Course Developer and Instructor

Courses taught in:

- Emergency planning
- Homeland security
- Disaster management

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

Argonne National Laboratory Risk and Infrastructure Science Center

2003 – 2019

- 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)

Sugar Grove Illinois Fire Protection District

2012 – Present

- Member Board of Trustees
- Terrorism Liaison Officer LNO to Regional TF
- Trainer-Educator for Critical Infrastructure

Lieutenant, Terrorism Liaison Officer, Fox River Fire Protection District

2013 – 2017

- 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 Utica, NY

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(A2S2), SME, Developer

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 250 deliveries

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- Kane County Sheriff's Department** **2008 – 2014**
2018-Present
- Auxiliary Sheriff's Deputy – Trainer and Exercise Planner, Current T.L.O.
 - Court Complex Threat Vulnerability Planner Courthouse attack exercises (TTX & Full Scale)
 - THIRA Planner for special events as directed by the Sheriff
 - Combat Tourniquet kit deployment and training for all deputies
- Booz-Allen-Hamilton Subject Matter Expert and Consultant** **2005 – 2010**
- National Level Exercise Support NLE 11, NLE 12, Top Off II
 - Exercise Developer and Facilitator
- Raytheon Missile Systems Subject Matter Expert and Consultant** **2004 – 2009**
- Middle East support and deployment operations
 - Established FEMA-style organization nationally for a Middle East allied nation
 - 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 -CERIAL 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 2017-Present
- 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
 - 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

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Aurora University Public Safety Officer	2015 – 2018
<ul style="list-style-type: none">• Campus Public Safety Officer-PRN• Intelligence Officer• A.L.I.C.E. Trainer Emergency Planner, T.L.O.	
North East Multi-Regional Training Mobile Police Training Unit MU#3	2013 – Present
<ul style="list-style-type: none">• Instructor, Course Developer<ul style="list-style-type: none">○ Indicators of the Terrorist Attack Cycle	
Kane County Sheriff's Police Department	1976 – 1986
<ul style="list-style-type: none">• Sheriff's Auxiliary Deputy• First Responder Crash Injury Management Instructor	
North Aurora Fire Protection District	1975 – 2003
<ul style="list-style-type: none">• 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 for Kane County, 1987-2006 KC ESDA Volunteer• IAFC Terrorism Committee Member	
FEMA Disaster Safety Officer, Reservist	1995 – 2005
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Law Enforcement Operations – Truck Enforcement Regulatory Operations, Major Accident Unit• Nebraska OSHA Facility Accident Investigations• Campus Operational Planner-Campus Security Operations (Nebraska Football Stadium)	
Simpson College Public Safety, Police Officer	1970 – 1973
<ul style="list-style-type: none">• Facility Planning and Operations• Security Operations Event Planning & Staffing	
SC Iowa Police Training Academy Basic Training	June 1970 – Sept. 1970
<ul style="list-style-type: none">• Traffic, Law, Reports, Investigations, Evidence, Vehicle Operations, Self Defense, Firearms etc.	
Aurora, IL Auxiliary Police - Sargent	Sept. 1968 – June 1970
<ul style="list-style-type: none">• Communications, Traffic, Criminal Law	