

**Michael Jay Fagel, Ph.D., CEM**

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**Technical Support Specialist**

**1980-Current**

Provide on call and response contract support to numerous federal, state and local agencies, training-support WMD planning events, Disaster Management Response Planning, Emergency Operation Centers, Occupational Safety & Health, Site Security & Infrastructure, Operational Security & Integration, Accident prevention, Inspections, audits, all risk planning, security, and infrastructure, WMD, Safety hazards at various facilities. Training programs to reduce risk and vulnerability in conjunction with management and applicable standards. Served at disaster sites, government facilities, laboratory sites, manufacturing, aerospace, office-research, food processing and numerous other venues. (1980-current)

**Corporate Risk Manager, Aurora Packing Co., N. Aurora, IL**

**1976-Current**

Responsible for development and implementation of OSHA-DOT compliance programs, Workers Compensation and risk management functions, Transportation safety, product integrity and vulnerability assessments and mitigation. First facilities in SIC to receive OSHA Voluntary Protection Program Award for industry wide safety and health program.

**Technical Support Specialist, Various Federal Contractors, Washington, DC**

**1999-Current**

**Current**

WMD Training, EOC Plans and Implementation, Safety, EOC Design, Exercise Planning and Support, Integration, Tech Assistance have served at disaster sites, Olympic Venues, States, top 10 major metro areas, Threat Assessment

**Technical Support, EOC Operations & Training Division**

**City of Aurora, Emergency Management Agency**

**1968-Current**

Inter agency liaison with federal, state and local agencies during planning, mitigation of disasters and other governmental issues. EOC Operations, Training (1968-current)

**Coordinator, Sugar Grove Emergency Management Agency**

**1998-2003**

Responsible for all hazard planning and mitigation for community. Developed and implemented Planning, Mitigation, and Response & Domestic Preparedness program within community, coordinated community wide siren system in concert with 4 governmental districts in cooperative effort

**Director, N. Aurora Fire-Rescue, Emergency Management Agency**

**1997-2002**

Responsible for all hazard planning and mitigation for community. Communications & Infrastructure support, Director, Emergency Management Division North Aurora Fire Department, and planning, mitigation & Domestic Preparedness program within fire department. 1975-1991 as firefighter, EMS coordinator and officer. EMA division director 1997 through December 2002

**Safety Officer, Operations Support, FEMA, Washington DC**

**1995-2005**

Reservist - Establish safety and health (OSHA) on scene of disaster field office event. Provided technical support to Federal Coordinating Officer (FCO) on site during Field operations, provided training on safety to staff as situations warranted

**Project Lead, Response to Agricultural Terrorism, Louisiana State Univ. 03-05**

**Current**

National Center for Bio Medical Research and Training (NCBRT)

Member of adjunct faculty, developed agricultural response to terrorism program for DHS with professional colleagues from around the country, pilot and deliver product until ready for street release. Logistics and support of initial rollout of project. Senior security analyst.

### **CURRENT PROFESSIONAL ACTIVITIES:**

Adjunct Instructor, FEMA Emergency Management Institute, Emmitsburg, MD  
Adjunct Instructor, FEMA, National Fire Academy, Emmitsburg, MD  
Adjunct Instructor, US ARMY SBCCOM, Aberdeen, MD  
Adjunct Faculty, Benedictine University, Lisle, IL MPH Program  
Adjunct Faculty, Eastern Kentucky University, Loss Prevention & Disaster Management  
Adjunct Faculty, American Military University, Emergency Management Program  
Adjunct Instructor, TEEX NERRTC  
Master Instructor, CRA Nashville, ERT BC  
Adjunct Instructor, Louisiana State Univ., Academy of Counter Terrorism Education  
National Center for Bio Medical Research & Training (NCBRT)  
Adjunct Instructor, Occupational Safety & Health  
Waubonsee Community College, Sugar Grove, Illinois 1979-Current  
International Association of Fire Chiefs,  
Safety & Health Committee  
Homeland Security & Terrorism Preparedness Committee  
International Association of Emergency Managers  
Member, Government Affairs Committee  
Immediate past Vice Chairman, CEM Commission  
Region V, President  
Occupational Hazards Magazine, Contributing Editor  
National Fire & Rescue, Contributing Editor

### **PROFESSIONAL AFFILIATIONS**

American Society of Safety Engineers  
American Society of Industrial Security  
Association of Traumatic Stress Specialists  
International Association of Emergency Managers (IAEM)  
International Association of Fire Chiefs (IAFC)  
International Association of Trauma Counselors  
International Critical Incident Stress Foundation

### **EDUCATION:**

Doctor of Philosophy, Safety & Health, Columbia Southern Univ. 1996  
Master of Science, Occupational Safety & Health, Columbia Southern Univ. 1995  
Bachelor of Science University of Nebraska-Omaha, 1975  
Major: Criminal Justice /Psychology Minor: Safety and Fire Protection

### **CERTIFICATIONS:**

Assoc. Traumatic Stress Specialists-Cert. Trauma Responder # CTR 0997-R011  
Certified Hazard Control Manager # 2256  
Certified Emergency Manager, Intl. Association of Emergency Managers #498  
World Safety Organization-WSO Cert. Safety & Security Executive, CSSD, CSE, CHMS,  
and CSI- Illinois Certified: Firefighter - Safety Officer, SOS, Illinois EMT Instructor

### **ADDITIONAL PROFESSIONAL ACTIVITIES**

Partnership for Public Warning, Board Member, Washington DC (2003-2005)  
Adjunct Instructor, Waubonsee Community College 1979-present  
Certification Board Member, World Safety Organization 1999-2003  
International Association of Fire Chiefs, Washington DC (IAFC)  
Occupational Safety & Health Committee Member, IAFC  
Domestic Terrorism Preparedness Committee, IAFC  
Domestic Terrorism Preparedness Committee, Kane County IL LEPC  
Domestic Preparedness Task Force, Illinois Emergency Management Agency  
Northern Illinois Critical Incident Stress-Debriefing Team  
International Assoc. Emergency Managers (IAEM) Reg. V President 2001-2005

IAEM, VP of Certification Board Commission, Certified Emergency Manager 03-04

### **PRIOR CAREER ACTIVITIES**

North Aurora Fire Department, EMA Division Director 1997-2002  
Coordinator, Sugar Grove Emergency Management Agency 1998-2003  
North Aurora Fire Department, Firefighter, EMS Officer 1975-1991  
Aurora Emergency Management Agency, Officer 1968-Current  
Kane County Sheriff, Auxiliary Road Patrol Deputy 1976-1986  
Nebraska Dept. Law Enforcement, 1973-1975  
OSHA Special Government Employee (SGE) US Dept. of Labor,  
OSHA- VPP site review team member 1995-2003  
Disaster Assistance Employee (DAE) FEMA, National Safety Response Cadre  
Headquarters Staff, Washington DC 1996-2001  
National Domestic Preparedness Office, FBI HQ, SLAG Advisory Group 1999-2001  
American Red Cross, Fox River Chapter, Disaster Board Member 1985-1989  
President, American Society of Professional Emergency Planners 2001-02  
Review Board Member, National Guard Bureau, Washington, DC 911 Project 2002

### **SELECTED SPECIFIC RECOGNITIONS AND AWARDS**

#### **National Safety Council (NSC)**

DSSA Award, September 2002  
Distinguished Service to Safety Award

#### **Northern Illinois Critical Incident Stress Debriefing Team**

2000 Volunteer recognition of the year award

#### **Oklahoma Congressional Citation for Response to Oklahoma City Bombing**

#### **Illinois EMT Instructor Association**

Instructor of the Year Award

#### **American Red Cross**

20 Year Disaster Volunteer Award  
Response to Oklahoma Tornadoes 1999, Nebraska Tornadoes 1975  
Critical Incident Stress Support

### **SELECTED DISASTER DEPLOYMENTS**

New York City, World Trade Center Disaster 9-11-01, EOC-FDNY Operations support 100 day deployment

Salt Lake City Olympics, EOC training, operations and support 2002

Ice Storms - Maine New Hampshire, January 1998

Hurricane Deployments- Georges in Mississippi -Floyd in Delaware September 1999

Served on Command Staff at FEMA DFO, did Field service to DRC's

Tornadoes \* Illinois \* Nebraska \* Oklahoma

*Provided field support, 1 on 1 CIS work in field, logistical support to staff and victims in all areas*

### **Selected Books, Periodicals, and Presentations by Michael J. Fagel**

#### **Books**

Fagel, Michael J. "Homeland Security- A primer", Chicago, Aurora Safety, 2005

Fagel, Michael J. "CEO's Guide to Emergency Response & Planning" Chicago, Aurora Safety, 2005

Fagel, Michael J. "Emergency Operations Planning/EOC Design, Chicago, Aurora Safety, 2005

Fagel, Schuman, and Thomas Schneid. Food Safety Law. New York: Van Nostrand Reinhold, 1997.

Fagel, Michael J. "Disaster Management and You." Diss. Columbia Southern U 1996

*Contributed to and edited some elements of the following:*  
Accident Prevention Manual, Chicago: National Safety Council, 1993  
Emergency Medical Technician, Washington, DC: Brady Publishing 1981  
Fire Safety Law, New York: Van Nostrand Reinhold, 1998

### **Selected Presentations**

Critical Incident Stress Management (CISM)  
Incident Command (ICS)  
Weapons of Mass Destruction (WMD)  
New York City, World Trade Center Disaster (NYC WTC)  
Emergency Response to Terrorism (ERT-BC)  
Security & Facility Threat, Vulnerability Assessment (Threat)  
Emergency Response to Terrorism-Public Works (ERT-PW)  
Emergency Resp. to Terrorism, Train the Trainer, Dept Homeland Security (ERT TTT)  
Agriculture/Food facility Threat Assessment

#### **March 2005**

LSU-NCBRT Agro Terrorism Planning  
US Army Fed Reserve Board, WMD Planning

#### **February 2005**

San Fran EMS, WMD Triage Planning  
Ben University, Hazard Assessments  
US Army, Fed Reserve Board, WMD Planning

#### **January 2005**

NCBRT/LSU Agricultural Terrorism  
ERT-BC WCC, Terrorism planning

#### **December 2004**

NCBRT/LSU Agricultural Terrorism

#### **November 2004**

CA. Dept Agriculture, Sacramento, Agro Terrorism  
IAEM-Dallas- Intro to Agro Terrorism

#### **October 2004**

Ben Univ., Natural vs. MM Hazards  
Wyoming Dept Agriculture- Agro Terrorism Pilot 2 LSU/NCBRT  
ASSE Rockford-WMD/Safety Operations

#### **September 2004**

DHS Task analysis UTL Project DC  
AZ Dept of Mil Affairs, E 408 TTT  
National Safety Council, New Orleans WMD & Threat Risk Planning  
Deployment Support for Reg V Hurricanes

#### **August 2004**

FEMA-EMI E 408 Train the Trainer, Terrorism Planning  
NIMS Training, Montana Dept of Justice  
Exercise Controller, CST Team Deployment, Aurora  
LSU/NCBRT Agro Terrorism Project Pilot 01

#### **July 2004**

US Army, WMD, DTLC  
FEMA CERT Training, Aurora  
FEMA CERT Training, Du Page  
SNS Planning, DuPage  
Keynote WMD NYC WTC, Anderson, SC

#### **June 2004**

Seattle, Port Vulnerability  
Seattle, Food Operations  
Juneau, Port Security

Toronto, 14<sup>th</sup> World Conference on Disaster Mgmt, Agro Terrorism and Facility Vulnerability  
Victoria, BC, Port and Cruise Ship safety/food vulnerability

**May 2004**

US Army, WMD for Installation Commanders, Aberdeen Proving Ground, MD  
Univ. Wisconsin, Whitewater, Agro Threat Vulnerability  
TEEX, WMD for Public Works  
Riverside County, WMD Bio Exercise Facilitator

**April 2004**

Riverside County EOC Operations-Training  
Arizona Division of Emergency Mgmt, Agro Terrorism and Threat Assessment  
American Meat Institute, Agro Terrorism and facility Vulnerability

**March 2004**

OSHA-Disaster Management, OSHA Region V  
Texas A & M, TEEX, ERT PW Illinois  
US Army, SBCCOM, WMD for Installation Officials

**February 2004**

NDMS-SORT Team, Winston- Salem, NC-WMD Safety  
Palm Springs Airport Authority-ARFF- WTC Safety  
Bolingbrook Public Works, Illinois Fire Rescue- ERT-PW  
Hospital Planning Council, Chicago, Threat Assessment for Bio Events

**January 2004**

Benedictine University, Hazard Vulnerability  
Threat Assessment  
Texas A & M Univ., ERT-PW, Harlingen, TX  
WMD

**December 2003**

New York City Fire Academy, ERT-BC  
Texas A & M Univ., ERT-PW, College Park, Pa  
Texas A & M Univ., ERT-PW, College Station, TX  
Threat Assessment  
Fire Safety, Emergency Planning, Chicago

**November 2003**

Aurora Area Clergy Council, WTC, Threat Assessment  
WCC Aurora, Facility Threat Assessment, WTC Safety  
National Park Service, College park MD, Keynote, WTC Safety, Facility Threat Assessment  
FEMA, Emergency Mgmt Institute, E 408, Terrorism Planning, Train the Trainer  
Food Processing Facility Threat Assessment

**October 2003**

Benedictine University, Natural Vs Manmade Disasters  
Kane County Water Resources-World Trade center Safety, Threat Assessment  
Indiana State EMA Conference, Key Note, Ground Zero Safety  
Erie County, NY LEPC Annual Conference, Keynote, Ground Zero Safety  
Interoperability Conference, Chicago, Panelist

**September 2003**

National Safety Congress, Chicago, Threat, CISM  
Waubensee Community College, (Threat)  
West Senior High School, Aurora IL NYC WTC  
Washington, DC, Homeland Security Conf, WMD for Executives, US Army SBCCOM  
Washington, DC, Homeland Security Conf, Panel on Future of WMD Preparedness

**August 2003**

Benedictine University, Disaster Mgmt  
New York City Fire Academy, ERT-BC  
Texas A & M Univ., ERT-PW  
Ohio State EMA, ERT TTT

**July 2003**

Hawaii State Emergency Management, Honolulu (WMD, CISM, WTC)  
Pearl Harbor Naval Station, WMD Awareness  
Bank of Hawaii, EOC (WTC, WMD)  
Morris Hospital, Bio Terrorism for Health Care, Mass Casualty, WMD, CISM  
Safety Check, Minooka, IL WMD for safety officers

**June 2003**

13<sup>th</sup> World Disaster Management Conference, Toronto (Threat)  
13<sup>th</sup> World Disaster Management Conference, Toronto (NYC WTC), (CISM)  
Mississauga Fire-Rescue, Ontario, Canada Lessons Learned at WTC, Mass Casualty  
Provincial Emergency Management Office of Ontario, Canada, Lessons Learned at WTC  
Federal Executive Board, WMD Planning, Aberdeen Proving Ground, New York City, Miami  
Combined City & County of Denver, WMD Exercise, Command Controller, Police, Fire, EMS

**May 2003**

Top off II Exercise Controller, Chicago Venue, Washington DC EOC  
Top off II, Exercise Controller, Springfield Venue, IOHNO  
Federal Executive Board, WMD Awareness, Albuquerque, Philadelphia, Washington DC  
Colorado Dept of Health & Environment, WTC- Safety, EOC Design, CISM

**April 2003**

FEMA Safety Cadre, WMD Awareness, CISM  
WCC- Safety 101  
FDNY, ERT BC  
Washington State Military Department-WMD Preparedness  
OSHA- T2 Tabletop Exercise  
T-2 Preparedness

**March 2003**

Sugar Grove Table Top Exercise  
County Vulnerability Assessment  
Hospital Biological Preparedness  
American Society of Safety Engineers, WTC Safety  
Wisconsin Governors Emergency Management, World Trade Center Safety  
American Meat Institute, Denver, Threat Assessment  
American Meat Institute, Denver, World Trade Center Safety

**February 2003**

Benedictine University, WTC, Safety  
Rand, Public Responders Safety  
Sugar Grove Table Top Exercise  
County Vulnerability Assessment  
Hospital Biological Preparedness

**January 2003**

SBCCOM, WMD Awareness for Federal Executives  
Lee County Florida FEMA Task Force FL 2, Safety  
American Safety-St. Louis WTC Safety  
Benedictine University, WTC, Safety  
Waubensee College, Threat Assessment, Site Security

**December 2002**

Resurrection Hospital, CME for Physicians, WMD Threat Analysis  
Waubensee Community College, Disaster Management Seminar  
US Dept of Justice, ERT- Basic Concepts Nashville  
Broward County Florida Fire-Rescue, FEMA Safety Concepts

**November 2002**

American Society of Safety Engineers, Phoenix (WTC-WMD-Ground Zero)  
St. Theresa Hospital, WMD -Bio

**October 2002**

NSC San Diego, CISM

NSC San Diego, WTC  
Johns Hopkins School of Medicine, Baltimore WTC Safety  
Indiana Emergency Management- WTC  
New York City Fire Academy, WMD-ERT-BC  
IAEM, 50<sup>th</sup> Annual Conference, Notes from Ground Zero  
Edward Hospital Public Service, Safety Officers View from Ground Zero  
Illinois Association of Chiefs of Police

**September 2002**

FEMA E 408 Terrorism Planning, EMI, Emmitsburg MD  
OSHA-ASSE Safety Conference NYC WTC-WMD  
Illinois Law Enforcement Training Seminar NYC-WTC-WMD  
Illinois Emergency Management Agency, WTC Notes from Ground Zero  
Denver City & County Emergency Operations, NYC-WTC-WMD  
Denver Health, NYC-WTC-BIO  
City of Aurora, Keynote Address 9-11 Remembrance

**August 2002**

National Guard Bureau, Camp Dawson, WTC Briefing  
IAFC-KC, Chief Officers School, Emergency Management & WTC

**July 2002**

Dallas, Incident Command, Chief Officers WTC-WMD  
Shreveport Fire Academy, Chief Officers Incident Command WTC  
Atlanta, Fire Officers Hazardous Materials School, WMD  
New York City Fire Academy, WMD-ERT-BC  
Illinois Construction Safety Council, WTC-Safety

**June 2002**

Iowa Emergency Management WMD-WTC  
National Guard Bureau, Pentagon WTC Brief

**May 2002**

Illinois Fire Chiefs, CISM-NYC-WMD  
Illinois Security Chiefs, WTC-WMD  
Nebraska Safety Council-WTC-WMD  
New York City Fire Academy, WMD

**April 2002**

Colorado Safety Council, WTC-WMD  
DuPage County OEM, WTC-WMD  
WMD NYC Ground Zero Safety, Critical Incident Stress, Disaster Management

**March 2002**

DC Metro Chiefs WMD WTC  
Quad Cities Illinois WMD-WTC

**February 2002**

Florida Emergency Medical Foundation, Bio Terrorism, WMD, NYC WTC  
Illinois Crime Commission, Bio Terrorism, WMD, NYC WTC  
Kane County Emergency Management, WMD, NYC WTC  
Silver Cross Hospital, Bio Terrorism, WMD, NYC WTC  
Illinois Emergency Management, NYC WTC

**January 2002**

Batavia Chamber of Commerce, Ground Zero Safety, Disaster Mgmt WTC NYC 9-11  
National Guard Bureau, Ground Zero Safety, WTC 9-11  
Wisconsin Emergency Management Agency, Ground Zero Safety, WTC 9-11  
New York City Fire Academy, ERT-BC

**December 2001**

Illinois Safety Council, Disaster Mgmt, NYC World Trade Center Safety 9-11  
New York City, Fire Academy FDNY Emergency Response to Terrorism, Basic Safety Concepts  
(2100students trained over 3 month long period)  
Emergency Response to Terrorism, Basic Concepts, Elgin

**November 2001**

International Association of Emergency Managers  
Ground Zero, New York City  
LA County, Bio Exercise  
LaSalle County Medical Society, Bio Terrorism, WMD, NYC WTC Safety

**November 2001**

New York City, Fire Academy FDNY  
Emergency Response to Terrorism, Basic Safety presented 6 days a week to academy for 5 wks

**September-October-November 2001**

*New York City, Ground Zero Site Safety Officer, Numerous daily briefings on safety to Rescue crews*

**September 2001**

National Safety Council, Atlanta WMD, Disaster Management, VPP (cancelled due to 9-11-01)  
Resurrection Hospital, Chicago, Bio Terrorism, (cancelled due to 9-11-01)  
Silver Cross Hospital, Joliet, Critical Incident Stress, (cancelled due to 9-11-01)

**August 2001**

FEMA, National Fire Academy, EMI, Command Course, EOC manager

**June 2001**

Waubensee Community College, OSHA Voluntary Protection Program  
Aurora Area Emergency Management Training Event, Bio Terrorism Exercise, Exercise  
Controller, West Palm Beach Florida

Controller

Aurora Area Emergency Management Training Event, Haz Mat Exercise, Controller

**May 2001**

Michigan State Police, Disaster Management, Incident Command

**April 2001**

Illinois Safety Council, Disaster Management  
Illinois Emergency Management Association, Critical Incident Stress, Oklahoma City Disaster

**March 2001**

Waubensee Community College, Emergency Planning  
Waubensee Community College, OSHA Voluntary Protection Program  
FEMA, Mt Weather, Weapons of Mass Destruction  
FEMA, Mt Weather, Safety  
AMI, Safety Denver, Disaster Planning, Critical Incident Stress, Emergency Management

**February 2001**

Aurora Chamber of Commerce-Caterpillar Tractor Co, Ergonomics

**January 2001**

Waubensee Community College, Ergonomics, Disaster Management

**December 2000**

Waubensee Community College, Critical Incident Stress Management  
Southern Chicago Health Care, WMD and CISM

**November 2000**

Intl. Assn. of Emergency Managers, Austin, Incident Command, CISM and WMD  
Waubensee Community College, Disaster Management  
Kane County Health Care, ICS, CISM & WMD

**October 2000**

Ingalls Hospital System, CISM & WMD Planning  
NSC Orlando, Oklahoma City & World Trade Center Incident Command, CISM  
Waubensee Community College, Disaster Planning

**September 2000**

Rockford Area WMD & Hostage Drill, Facilitator  
Aurora Area WMD Drill, Civil Support Team, Drill Planner

**August 2000**

Kane County School Hostage Drill, Facilitator

**June 2000**

Georgia Institute of Technology, Disaster Management and Critical Incidents

**April 2000**

Illinois Emergency Management Agency, Disaster Mgmt and CISM

**March 2000**

Waubensee Community College, Incident Command

Red Cross, ICS

Northern Illinois University, CISM

Joliet Junior College, CISM

**Selected Periodicals (not all inclusive)**

"Communications, 5 Cs for Success," IAEM Bulletin, October 2003:6

"Lessons from Ground Zero" National Fire & Rescue, March-April 2003: 26-30

"9-11, one year later" Safety & Health, NSC September 2002: 16-20

"Lessons Learned from the Past" IAEM Bulletin May 2002: 4

"Lessons learned from 9-11." National Safety Council S & H Magazine November 2001: 33-36

"Failure to Communicate" National Domestic Preparedness Office Nov 2001: 1-3

"WMD, Teamwork for all" IAEM Bulletin Sept 00: 1-2

"Just a Fire Chief" National Domestic Preparedness Office April 2000: 4

"Safety for everyone" National Domestic Preparedness Office Oct 1999: 6

"Disaster Planning" National Domestic Preparedness Office Jul 1999: 4

"Successful Disaster Mgmt Takes Teamwork." Industrial Fire Chief Mar/Apr1993: 20

"Spilled Ammonia." National Safety Council Newsletter Jan/Feb 1996: 1

"Where Will It Happen Next?" Occupational Hazards June 1995: 47-50

"Crisis in the Workplace-Mass Casualty..." Occupational Hazards July 1999: 33-35

"Safety in 2000, Next Steps" The Gong Jan. 2000: 102

"Where will it happen next?" American Society of Safety Engineers. June 1995: 1-3