

# Disaster Preparedness for the Medical Professional at Home and in the Workplace

NASA Workshop 6/07/2010

**Geoffrey Simmons, M.D.**

**Governor, Board of Governors for**

**American Academy of Disaster Medicine**

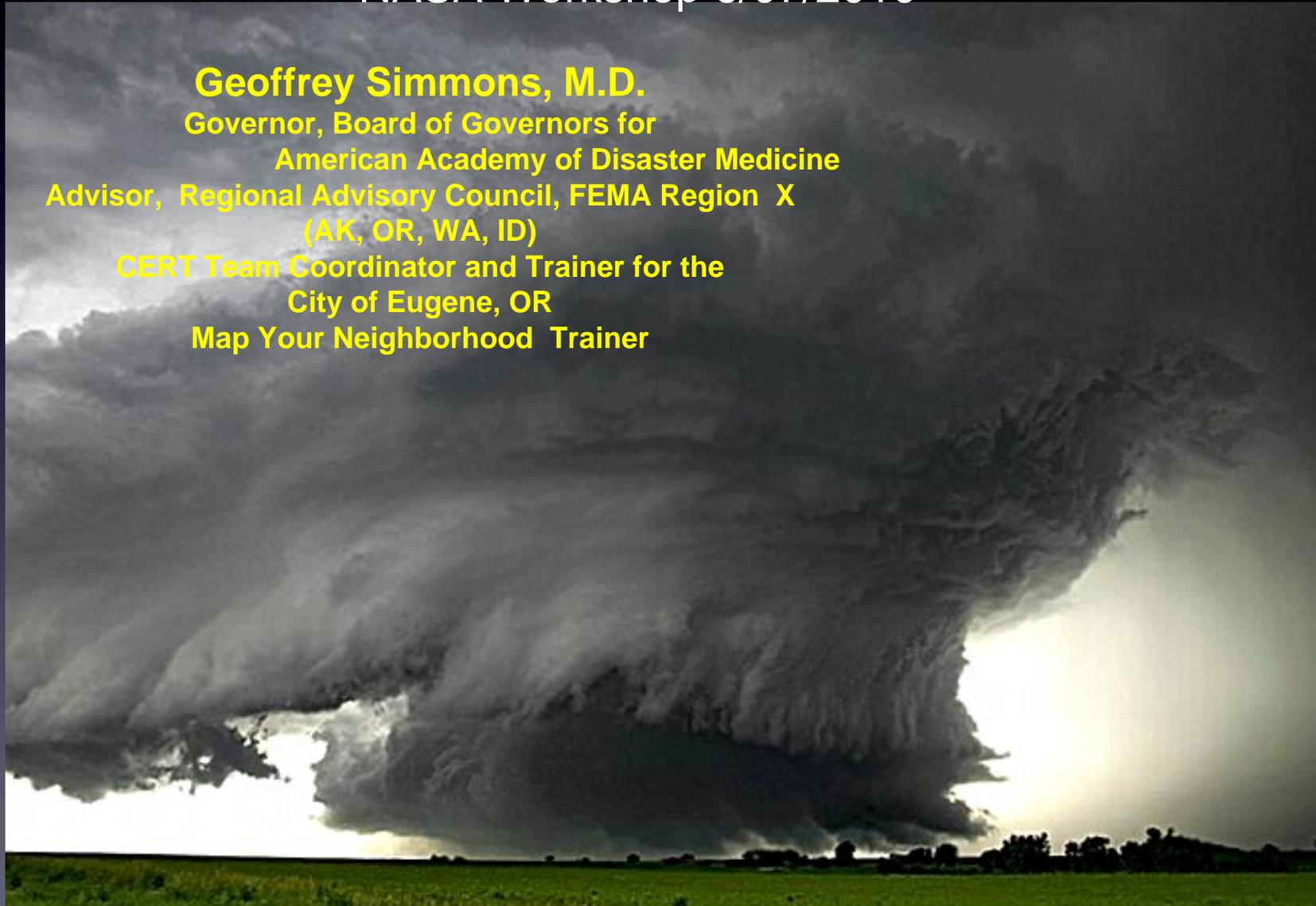
**Advisor, Regional Advisory Council, FEMA Region X**

**(AK, OR, WA, ID)**

**CERT Team Coordinator and Trainer for the**

**City of Eugene, OR**

**Map Your Neighborhood Trainer**



# SNEAK PREVIEW

- Most lives are saved at the scene of the disaster
- Hospitals are not always an oasis amid chaos; they are not immune to disasters & they may be part of the problem, not part of the solution
- Many doctors and nurses are inadequately trained for personal and workplace preparedness
- Personal and professional preparedness does save lives and lessens suffering.
- Most patients are ill prepared for disasters; many do not even know the names/doses of their medications; and, some do not know all their diagnoses
- Much more needs to be done at the community level



**Haiti**  
**Jan/2010**  
**230,000 died**  
**300,000 injured**  
**One million homeless**



# Indonesian Hospital 2004 Post Tsunami



[http://walrus.wr.usgs.gov/tsunami/sumatra05/Banda\\_Aceh/0693.html](http://walrus.wr.usgs.gov/tsunami/sumatra05/Banda_Aceh/0693.html)  
maintained by [Laura Zink Torresan](#)  
last modified 31 May 2005 (lzt)

# Subway Sarin Incident/Tokyo 1995



**13 killed,  
6000 injured**





*The Olive View Hospital complex was completed in 1970 at a cost of \$25 million. The three (of four) towers that failed in the 1971 earthquake were supported by concrete columns. When these columns failed, the towers overturned. The building was ultimately demolished a year later.*



THE UNIVERSITY of TEXAS

HEALTH SCIENCE CENTER AT HOUSTON  
MEDICAL SCHOOL

UT -H | MS | SEARCH

Find Someone at UT-H

STUDENTS

RESIDENTS

ALUMNI

DONORS & FRIENDS

VISITORS

PATIENTS

STAFF & FACULTY

UTHSC-H > MS > Construction < The Flood

## The Night the Texas Medical Center Went Dark

The world's largest medical center, the Texas Medical Center, never saw it coming. With more than 40 institutions, 54,000 employees, and an international reputation for emergency medicine expertise capable of handling crisis on moment's notice, Tropical Storm Allison was the test of a lifetime.

The storm had slipped into town mostly unannounced earlier in the week from the Gulf of Mexico, saturated the ground, and moved north only to turn around



Home

Headlines

Images

The Flood

FAQs

Contacts

Tropical Storm Allison Timeline

“1000-year” flood follows tropical storm Allison, 2001, with 3 ft rain/48 hours

# **Katrina 8/23/2005**



**7 of 22 hospitals  
permanently closed**

**Over 2000 hospital  
beds, half total for  
New Orleans, lost**

**2000 people died**

**\$82 billion cost**

**Tens of thousands  
homeless**

**50% of MDs have  
left the area and  
relocated**



# Alaska Earthquake 3/27/64 Richter 8.6+



# PREPAREDNESS AT HOME





West Side Fair District  
Old Fields Station

DINNER  
5:30-6:30  
COUNCIL  
MEETING

1983  
Coalinga, CA

# CRITICAL ACTIONS

- **Have the right 72 hour kit**
- **Have the right equipment & First Aid**
- **Have the right plan(s)**
- **Rehearse/drill**
- **Have options**
- **Help yourself, your family, your neighbors**
- **Have means of communication**
- **Know your risks**

**EVACUATE OR SHELTER IN PLACE?**

**UTILITIES OFF?**

**EMERGENCY ALERT SYSTEM**

**CASH?**

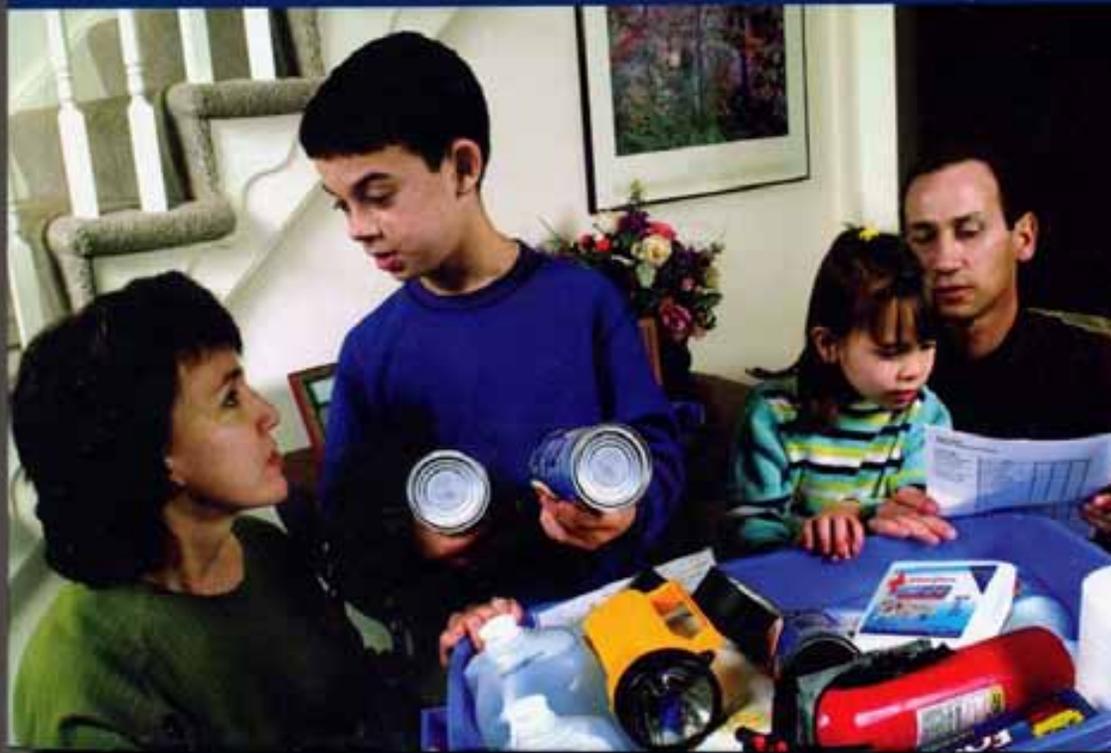
# Other Do's and Don'ts

- **Have I.C.E. (In Case of Emergency) as a contact on your cell phone. All family members should have an out-of-state contact.**
- **Have the names and doses of your meds in your wallet.**
- **Abide by Cliches: STOP-DROP-ROLL, DROP-COVER-HOLD ON, Thunder Roars-Get Indoors, When in Doubt-Get Out, Turn Around-Don't Drown**
- **Be sure your vaccinations are current. Tetanus and Hep A may be in short supply.**
- **Avoid crazed, injured, or potentially dangerous animals.**
- **Double-check all food and water before using.**
- **Practice Stranger Danger (For local predators go to: [familywatchdog.us/default.asp](http://familywatchdog.us/default.asp)). Stay together.**

# Are You Ready?

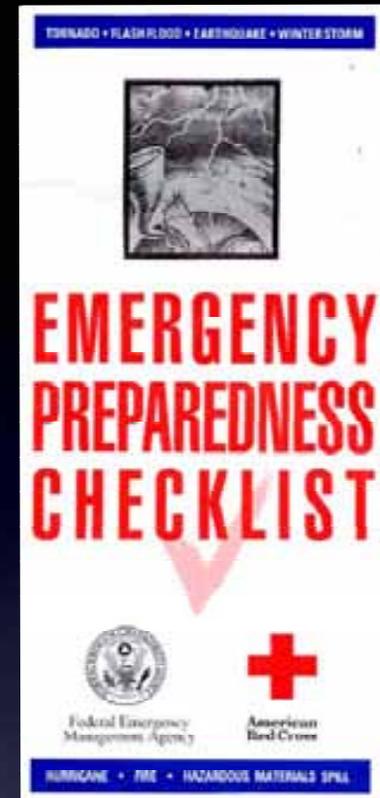
An In-depth Guide to Citizen Preparedness

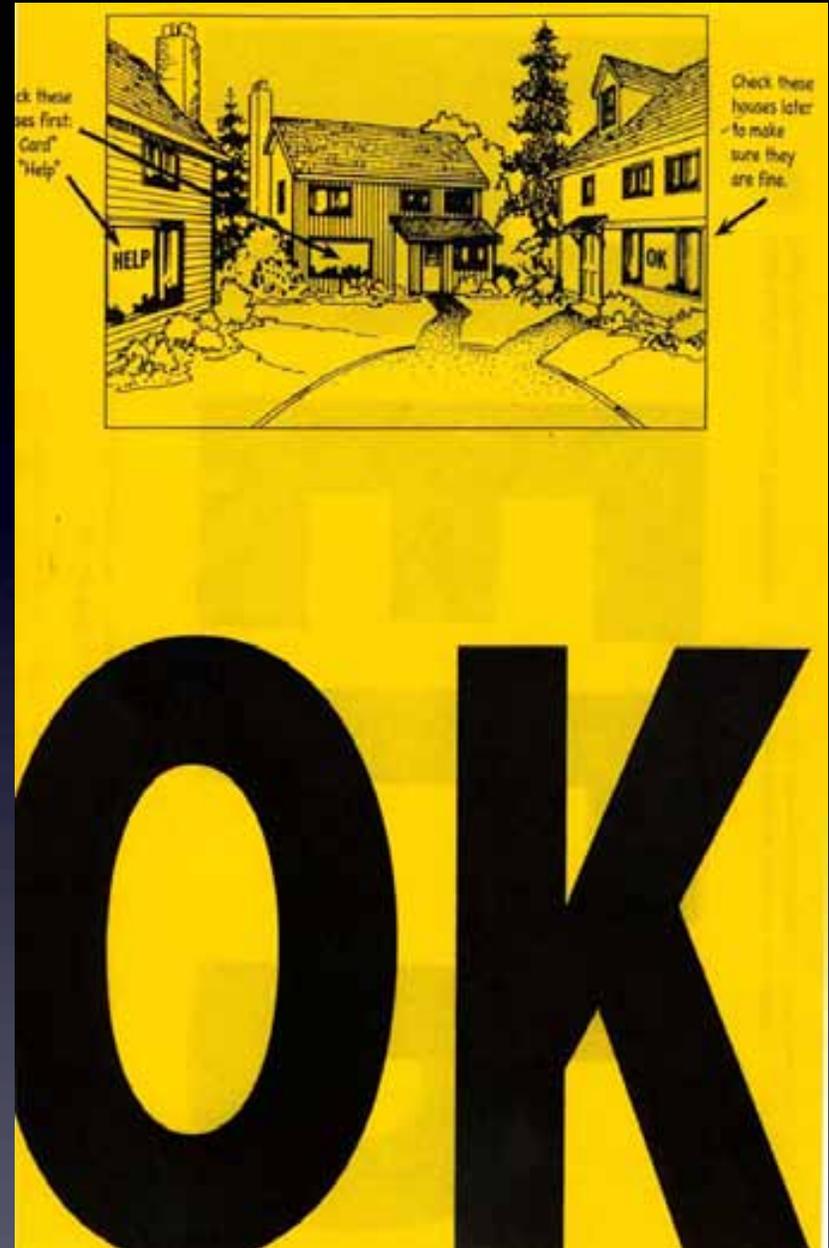
IS 22 / August 2004



# Select Resources

- [FEMA.gov](http://FEMA.gov) & [CitizenCorps.gov](http://CitizenCorps.gov)
- National Library of Medicine
- [CDC.gov](http://CDC.gov)
- [Ready.gov](http://Ready.gov)
- National Response Center
- Radiation Emergency Assistance Center
- [Redcross.org](http://Redcross.org)
- [DHS.gov](http://DHS.gov)
- YouTube videos on disaster preparedness





MAP YOUR NEIGHBORHOOD

# HAZARDOUS MATERIALS CLASSIFICATION





**CITY OF EUGENE  
INSPECTED  
NO RESTRICTION ON USE OR OCCUPANCY**

**Warning:**

This structure has been inspected (as indicated below) and no apparent structural hazard has been found. Report any unsafe conditions to local authorities; reinspection may be required.

Exterior Only

Exterior and Interior

Date: \_\_\_\_\_

Time: \_\_\_\_\_

This facility was inspected under emergency condition on the date and time noted:

Comments:

\_\_\_\_\_

\_\_\_\_\_

Inspector ID/Agency:

\_\_\_\_\_

\_\_\_\_\_

Facility Name and Address:

\_\_\_\_\_

\_\_\_\_\_

**Do not remove this placard until authorized by Governing Authority.**



**CITY OF EUGENE  
LIMITED ENTRY  
OFF LIMITS TO UNAUTHORIZED PERSONNEL**

**Warning:**

This structure has been damaged and its safety is questionable. Enter only at own risk. Aftershocks or other events may result in death or injury.

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Comments:

\_\_\_\_\_

\_\_\_\_\_

This facility was inspected under emergency condition on the date and time noted:

Facility Name and Address:

\_\_\_\_\_

\_\_\_\_\_

Inspector ID/Agency:

\_\_\_\_\_

\_\_\_\_\_

**Do not remove this placard until authorized by Governing Authority.**



**CITY OF EUGENE  
UNSAFE  
DO NOT ENTER OR OCCUPY**

**Warning:**

This structure has been seriously damaged and is unsafe. Do not enter. Entry may result in death or injury.

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Comments:

\_\_\_\_\_

\_\_\_\_\_

This facility was inspected under emergency condition on the date and time noted:

Facility Name and Address:

\_\_\_\_\_

\_\_\_\_\_

Inspector ID/Agency:

\_\_\_\_\_

\_\_\_\_\_

**Do not remove this placard until authorized by Governing Authority.**

## INSECT SHIELD® TREATED GLOWEAR®

With the variety of Insect Shield-treated GloWear Apparel available, you have choices for many job types and applications. All help you keep your people visible and keep the bugs away.



**8230-IS** S/M, L/XL, 2X/3XL, 4X/5XL

Class 2 Two-Tone Vest: Mesh fabric, Zipper closure  
See the study, see the person. Two-tone works.

- Insect Shield® treatment
- ANSI-certified polyester mesh (3.3 oz.)
- Zipper closure
- 2" Level 2 ANSI-certified tape (3M™ Scotchlite™)
- Tape set on 4.5" contrasting color background
- Pockets: One inside
- Lime, Orange

**8911-IS** S/M, L/XL, 2X/3XL, 4X/5XL

Class E Two-Tone Pants: Cool mesh and wide leg openings with hook and loop for easy off and on.

- Insect Shield® treatment
- ANSI-certified polyester mesh (3.3 oz.)
- Drawstring waist
- Wide leg openings with hook & loop closures
- 2" Level 2 ANSI-certified tape (3M™ Scotchlite™)
- Tape set on 4.5" contrasting color background
- Lime, Orange



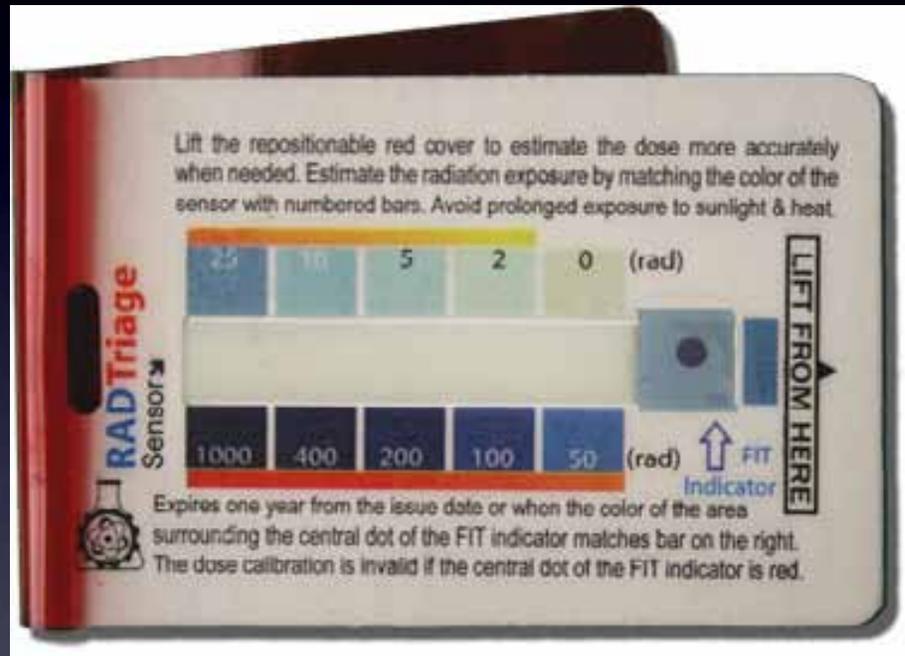
ICEtrekkers™



DIAMOND GRIP

# RADtrriage

“Every man’s dosimeter”



Inexpensive card enabling anyone, as well as first responders, to determine exposure to radiation from a dirty bomb, nuclear explosion or nuclear plant accident



100% Satisfaction Guarantee  
 24/7 Support  
 (866) 886-0717  
 (401) 818-8888



MIOX Water Purification System

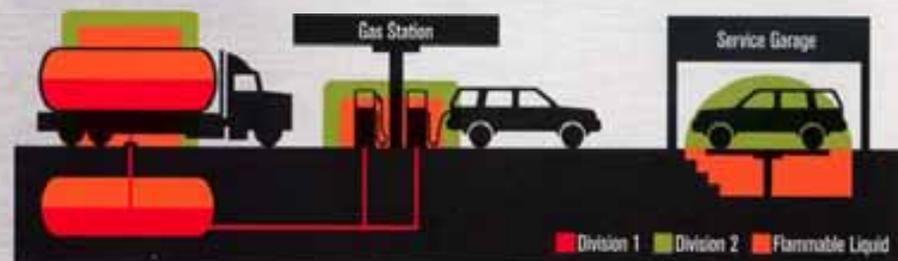
# > THE ANATOMY OF A SAFETY APPROVED FLASHLIGHT



HAZARDOUS AREA ELECTRICAL GUIDELINES				
	SUBSTANCE	TYPICAL ENVIRONMENTS	CLASSIFICATIONS	VOLATILITY
CLASS 1	Flammable Gases, Vapors, or Liquids (Acetylene, Hydrogen, Ethylene, Propane)	Oil Refinery Paint Warehouse Spray Booth Offshore Oil Rig	Division 1 (Hazard Likely)	MOST
			Division 2 (Hazard Not Likely)	
CLASS 2	Combustible Dusts (Metals [Div. 1 only], Coal, Grain)	Coal Mine Munitions Factory Grain Silo Hay Storage Facility	Division 1 (Hazard Likely)	
			Division 2 (Hazard Not Likely)	
CLASS 3	Ignitable Fibers & Flyings (Machined Magnesium)	Paper Mill Woodworking Facility Textile Mill Cotton Gin	Division 1 (Hazard Likely)	LEAST
			Division 2 (Hazard Not Likely)	

**Division 1:**  
Where volatile substances can exist all of the time or some of the time under normal operating conditions.

**Division 2:**  
Where volatile substances are not likely to exist under normal operating conditions.



## WHAT IT MEANS TO HAVE SAFETY APPROVAL

Products must pass a series of rigorous tests conducted by safety agencies before getting stamps of approval. When you're in a potentially hazardous environment, using a flashlight that carries the appropriate hazardous approvals is vital.



# Do You Know Which Fire Extinguisher to Use?

## MAKE THE RIGHT CHOICE

Portable extinguishers are intended for immediate use on small fires that are just beginning. However, if there is a question as to which to use first—read the alarm or attack the fire—read the alarm first, then take prompt action. To be ready, learn how to operate the extinguishers you most likely will use and read the instructions printed on the extinguishers located near your work area. This poster summarizes the operating principles. The illustrations represent typical models from among the many makes and designs. For complete information, consult Factory Mutual Research's Approved Guide and FM Global Property Loss Prevention Data Sheet 4-5, Portable Extinguishers.



### Small Size

A small size available for quick use indoors fits the same need as one or more portable extinguishers. It has the advantage of an unlimited water supply.



### Pump Tank

A pump tank is essentially a water-filled container with a built-in manual pump. The pump is operated by one hand and the stream of water or wetting solution is directed by the other.



### Water-Filled and Antifreeze

Water-filled and antifreeze extinguishers are similar except the liquid in the antifreeze extinguisher has a freezing point below -40°F (-40°C).



### Refrigerated Agent/Clean Agent

This extinguisher contains a liquefied halogenated hydrocarbon gas represented with nitrogen, which is discharged as a liquid by operating a hand lever.



### Dry Chemical

**Multipurpose**—This extinguisher discharges a powder that is suitable for use on fires in ordinary combustibles, flammable liquids and electrical equipment.

**Regular**—This extinguisher discharges a special sodium- or potassium-base powder suitable for fires in flammable liquids and electrical equipment.



### Carbon Dioxide

This extinguisher contains liquid carbon dioxide that is released by operating a valve lever or trigger. The liquid changes into gas and discharges a white cloud of "snow" as it is directed on the fire through a funnel-shaped horn.



### Foam

This extinguisher discharges a premixed solution of foam concentrate and water through an air separator nozzle to produce foam and/or a film-forming liquid. Note: Aqueous film-forming foam (AFFF) extinguishers are approved for use on ordinary combustibles.



### Dry Compound Powder

Special powders are available for use on metal fires. Usually, they are applied with a shovel. A specially designed extinguisher also is available, which is operated like a dry chemical extinguisher.



### Wet Chemical

This extinguisher discharges a salt base solution through a spray nozzle, which produces a coating over the grease surface. Note: Activate the fire protection system for cooking appliances first.

	CLASS A	CLASS B	CLASS C	CLASS D	CLASS K
<b>Ordinary Combustibles</b> Wood - Paper Cloth - Rubbish 	YES	NO	NO	NO	NO
<b>Flammable Liquids</b> Oil - Gasoline - Oil Based Paint Lacquer - Solvents 	YES	NO	NO	NO	NO
<b>Electrical Equipment</b> Motors - Controls Panels - Wiring 	YES	YES	YES	NO	NO
<b>Combustible Metals</b> Magnesium - Sodium - Potassium Sodium Potassium Alloy 	NO	NO	NO	YES*	NO
<b>Cooking Media</b> Cooking Grease - Fats 	NO	NO	NO	NO	YES

\* Verify extinguisher is rated for this hazard. † Verify with manufacturer for usage on polar solvents/liquids. ‡ Verify extinguishing agent is rated for specific combustible metal.

## EYE PROTECTION ICONS TO LOOK FOR

Throughout the Eye Protection section of this catalog, you will find a number of icons. Each icon packs a lot of information into a little bit of space. Don't take them lightly. When choosing personal protection, consider whether the "mark" is appropriate for your application.



When you see the **ANSI Z87.1+ Certified** icon, you know that both Gateway Safety and an independent laboratory regularly test and certify that this product meets or exceeds the ANSI Z87.1+ standard.



When you see the **CSA Z94.3 Certified** icon, you know that both Gateway Safety and an independent laboratory regularly test and certify that this product meets or exceeds the CSA Z94.3 standard.



When you see the **Meets ANSI Z87.1+** icon, you know that Gateway Safety regularly tests and certifies that this product meets or exceeds the ANSI Z87.1+ standard.



When you see the **Meets CSA Z94.3** icon, you know that Gateway Safety regularly tests and certifies that this product meets or exceeds the CSA Z94.3 standard.



When you see the **Meets ANSI Z87.2+** icon, you know that Gateway Safety regularly tests and certifies that this product meets or exceeds the ANSI Z87.2+ standard. The "2" denotes non-plano lenses.



When you see the **c-UL-us LISTED** icon, you know that Underwriters Laboratories is the independent, third-party agency that has certified that this product meets the ANSI Z87+ and CSA Z94.3 standards. Confirmation can be found in their 'Online Certifications Directory' at [www.ul.com](http://www.ul.com).



When you see the **99.9% UV-A & UV-B Protection** icon, you know that Gateway Safety regularly tests and certifies that this product blocks 99.9% of UV-A and UV-B radiation.

## LENS SELECTION CHART

More than ornamental, each lens option serves a specific function. This lens selection chart provides a general usage guideline. However, always consult your safety director to determine the proper lens option for each application. Unless otherwise noted, all Gateway Safety lenses feature an anti-scratch coating for extra durability and block 99.9% of UV-A and UV-B light, up to 380 nm.



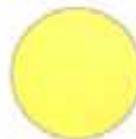
**CLEAR LENSES**  
Ideal for indoor applications. Excellent general purpose selection, offering superior optics and impact protection. 91% VLT.



**GRAY LENSES**  
Primarily used for outdoor applications. Minimizes glare that can result in eye strain and fatigue. 18% VLT.



**MOCHA LENSES**  
Enhances depth perception. Commonly used for outdoor applications. Minimizes glare that can result in eye strain and fatigue. 19% VLT.



**AMBER LENSES**  
Provides a high level of contrast. Allows for better definition, particularly in low-light applications. 85% VLT.



**PACIFIC BLUE LENSES**  
Provides a significant level of contrast. Helps create better definition by allowing more light through the lens. 70% VLT.



**ORANGE LENSES**  
A high-contrast lens that is ideal for general wear and intermittent light conditions. 50% VLT.



**ANTI-FOG LENSES**  
Even in the most extreme environments, Gateway Safety's Anti-Fog coating helps minimize, or even eliminate, lens fogging.



**CLEAR IN/OUT MIRROR LENSES**  
The popular choice for workers challenged by regular movement indoors and outdoors. Clear lens offers excellent optical clarity inside; light gold mirror finish reduces glare outdoors. 53% VLT.



**MIRROR LENSES**  
For outdoor use. Mirror coating reflects light, minimizing eye strain and fatigue. 16% VLT.



**BLUE LIGHT FILTER LENSES**  
Helps reduce blue light exposure, which can lead to a phenomenon called "Blue Blur." 17% VLT.



**IR FILTER LENSES**  
For use around light welding or light brazing/cutting.

VLT (Visual Light Transmittance) is the approximate amount of visible light that gets through the lens.

# PETS



- Pets Evacuation and Transportation Standards
- require shelters to offer pet accommodations. The animals must, unless these are service animals, be kept separate from people.
- Teach the standard commands to your pets.
- Make sure that your pets are current on their vaccinations. Pet shelters may require proof of vaccines. Have a current photograph.
- Keep a collar with identification on your pet and have a leash on hand to control your pet. Have a properly-sized pet carrier for each animal - carriers should be large

# National 2-1-1

“The 9-1-1 of Human Services”

- Emergency Housing
- Clothing Assistance
- Mental Health and Counseling
- Child Care Resources
- Food Relief
- Medical Information
- Crisis Intervention
- Source of Volunteers

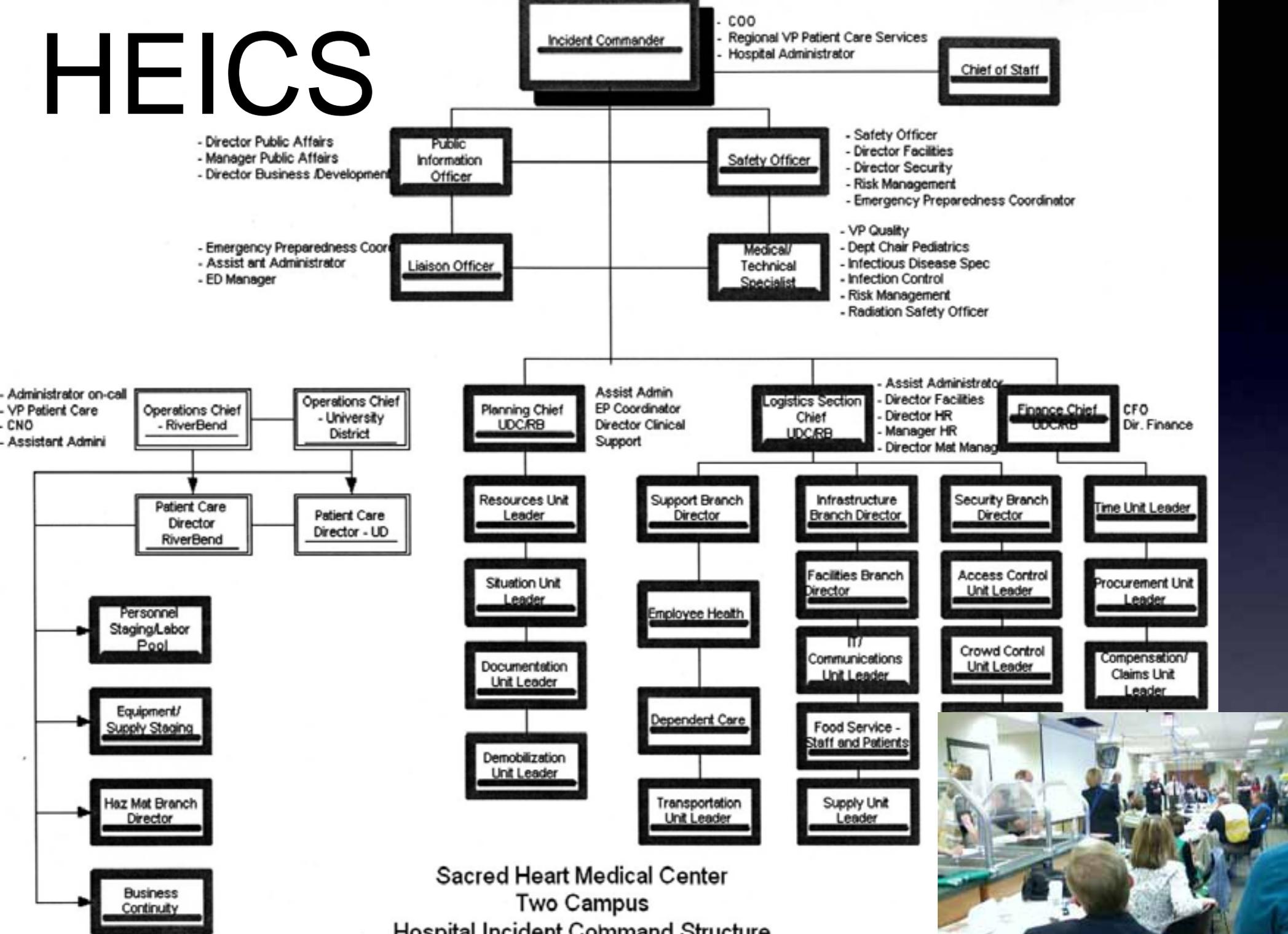


# PREPAREDNESS IN THE WORKPLACE





# HEICS



Sacred Heart Medical Center  
Two Campus  
Hospital Incident Command Structure

August 2007



# CRITICAL ACTIONS

- Have the right 72 hour kit
- Have the right equipment & First Aid
- Have the right plan(s)
- Rehearse/drill
- Have options
- Help yourself and your business associates or fellow employees
- Have means of communication



**EVACUATE OR SHELTER IN PLACE?**

**UTILITIES OFF?**

**EMERGENCY ALERT SYSTEM**

**CASH?**

# YOUR PATIENTS NEED TO KNOW

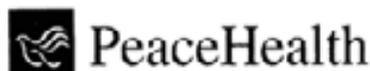
“pharmacy emergency dispensing”  
of medications in your state

- **Under a declared emergency by the President or the Governor**
- **Routine nonscheduled medications can be dispensed in some states as long as there is valid proof such as an empty vial or a medical record**

Use scissors

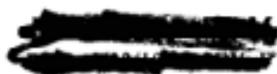


to cut off the outer margins and then fold like this:



# Wallet Size Medication List

for



**THIS IS NOT A PRESCRIPTION**

Reviewed: 3/1/2010 9:29:24 AM  
Printed: 3/1/2010 9:49:12 AM

Medications

**Allegra 60 mg Cap (Fexofenadine 60 mg Cap)**  
Rx By: SIMMONS, GEOFFREY  
Directions: Take 1 tablet by mouth twice daily as needed  
Comments: REFILL.

**Amaryl 1 mg Tab (Glimepiride 1 mg Tab)**  
Rx By: SIMMONS, GEOFFREY  
Directions: Take 1 tablet by mouth daily  
Comments: for diabetes. needs A1C done in 3 mos.

**Aspirin 325 mg Tab**  
Rx By: ZZ-PER-PT, REPORT  
Directions: Take 1 tablet by mouth daily  
Comments: restarted 11-30th.

Medications (continued)

**Atenolol 25 mg Tab**  
Rx By: SIMMONS, GEOFFREY  
Directions: Take 1 tablet by mouth twice daily

**CALCIUM 600 Tablet (600 (1,500) mg) 2 TAB PO DAILY 0 TAB (Calcium Carbonate 600 mg (1,500) mg) Tab)**  
Rx By: SIMMONS, GEOFFREY  
Directions: Take 2 tablets by mouth daily

Medications (continued)

**Crestor 40 mg Tab (Rosuvastatin 40 mg Tab)**  
Rx By: SIMMONS, GEOFFREY  
Directions: Take 1 tablet by mouth daily

Comments: for cholesterol-replaces Simvastatin. needs lipid panel checked in 3 mos. Contact your physician promptly if muscle pain/weakness, dehydration, or kidney problem occurs with this drug.

**DAILY MULTIPLE Tablet 1 TAB PO DAILY 0 TAB (Multivitamin Tab)**  
Rx By: SIMMONS, GEOFFREY  
Directions: Take 1 tablet by mouth daily

Medications (continued)

**Flaxseed Oil 1,000 mg Cap**  
Rx By: ZZ-PER-PT, REPORT  
Directions: Take 1 capsule by mouth twice daily

**Flonase 50 mcg/Actuation Nasal Spray (Fluticasone 50 mcg/Actuation Nasal Spray, Susp)**  
Rx By: SIMMONS, GEOFFREY  
Directions: Spray 1 spray in each nostril daily as needed

**Glucophage 500 mg Tab (Metformin 500 mg Tab)**  
Rx By: SIMMONS, GEOFFREY  
Directions: Take 2 tablets by mouth twice daily  
Comments: This was faxed to your pharmacy earlier today, please disregard previous rx and go with this one.

Medications (continued)

**Januvia 100 mg Tab (Sitagliptin 100 mg Tab)**  
Rx By: SIMMONS, GEOFFREY  
Directions: Take 1 tablet by mouth daily

**Levothyroxine 100 mcg Tab**  
Rx By: SIMMONS, GEOFFREY  
Directions: Take 1 tablet by mouth daily

**Tart Cherry 30 mg-250 mg-75 mg-75 mg Cap (Vit C-Cherry & Cel Sd Ex-Cel Sd-Grape Ex 30 mg-250 mg-75 mg-75 mg Cap)**  
Rx By: ZZ-PER-PT, REPORT  
Directions: Take 1 capsule by mouth daily  
Comments: 465mg ea.

Medications (continued)

**Tylenol Extra Strength 500 mg Tab (Acetaminophen 500 mg Tab)**  
Rx By: ZZ-PER-PT, REPORT  
Directions: Take 1 to 2 tablets by mouth other as needed

**Vasotec 20 mg Tab (Enalapril Maleate 20 mg Tab)**  
Rx By: SIMMONS, GEOFFREY  
Directions: Take 2 tablets by mouth daily

**VITAMIN C Tablet (500 mg) 1 TAB PO DAILY 0 TAB (Ascorbic Acid 500 mg Tab)**  
Rx By: SIMMONS, GEOFFREY  
Directions: Take 1 tablet by mouth daily

Allergies/Intolerances

**CIPROfloxacin**  
Reaction: HIVES

**EZETIMIBE/SIMVASTATIN**  
Reaction: aches



**As a physician, you have a critical need to be able to access evacuees' medication histories to provide continuity of care in the event of a disaster. ICERx.org, a secure web site operated by private organizations and made possible with the assistance of federal, state, and local governments, provides you with a secure portal to obtain this information:**

- evacuee outpatient prescription history
- drug name and dosage
- quantity and day supply
- name of pharmacy that filled the script
- name of provider who wrote the script
- available patient clinical alerts
- Clinical Pharmacology® drug reference
- drug monographs
- interaction reports
- drug identifier tool

# Government Emergency Telecommunications Service





## Government Emergency Telecommunications Service

1 2 3 4    5 6 7 8    9 0 1 2

**Name:** Your Name

**Organization:** Your Organization

# PHONES

## FEMA Launches New Mobile Web Site For Smartphones *Gives Smartphone Users Easy Access to Disaster Preparedness*

### iPhone Apps



- MCI Triage
- Survival Checklist
- Mobile World Disaster News
- Mac 911: User group to the Rescue

# UNEXPECTED NECESSITIES- INSIDE CHARITY HOSPITAL

RUTH BERGGREN, M.D., NEJM, OCTOBER 13, 2005

- SHOES
- NSAIDS
- UNDERWEAR AND FANNY PACK
- FLASHLIGHT AND “D” BATTERIES
- TOILETS
- SHIFT WORK AND ADEQUATE SLEEP
- SELF POSSESSION IN THE FACE OF DESPERATE, ARMED MEN



# Disaster Prescriptions

- Antibiotics
- Analgesics
- Tranquilizers/sleepers
- Anti-emetics
- Antibacterial cream
- Extra of the “usuals”





NAME: \_\_\_\_\_

Date of Birth: \_\_\_/\_\_\_/\_\_\_

Male \_\_\_ Female \_\_\_

E-mail: \_\_\_\_\_

Home Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_ Zip: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Temporary Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_ Zip: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Previous evacuee center location(s):

Facility: \_\_\_\_\_ City: \_\_\_\_\_

Facility: \_\_\_\_\_ City: \_\_\_\_\_

Facility: \_\_\_\_\_ City: \_\_\_\_\_

ID number/case number (if available):

Parent/Guardian/Other Support Person:

Name: \_\_\_\_\_

Phone # or other contact info: \_\_\_\_\_

Relationship: \_\_\_\_\_

ACTIVE DIAGNOSES :

ALERTS :

Doctor or clinic before evacuation (if known):

Name: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

ALLERGIES :

ACTIVE MEDICATIONS

Name of pharmacy chain (if known):

Medication:

Instructions:

Please note encounters on reverse side ->



# CERT COURSE OUTLINE



- Unit 1  
Disaster preparedness
- Unit 2:  
Fire Safety and Suppression
- Unit 3 & 4:  
Medical Triage and Treatment
- Unit 5:|  
Light Search and Rescue & Victim Extrication
- Unit 6 & 7:  
CERT Organization and Disaster Psychology
- Unit 8 & 9:  
Terrorism and Course Review
- Unit 10:  
Communication , Proper Equipment, 9-1-1 Tour
- Final:  
Half Day Mock Disaster



# MRC

Medical Reserve Corps



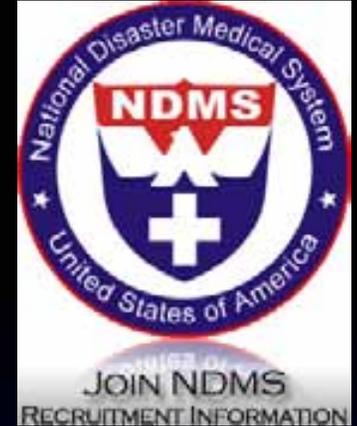
The Medical Reserve Corps (MRC) Program coordinates the skills of practicing and retired physicians, nurses and other health professionals, as well as other citizens, interested in health issues, who are eager to volunteer to address their community's ongoing public health needs and to help their community during large-scale emergency situations.

# Citizen Corps National Partners

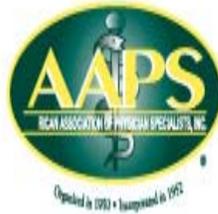


# DMAT

Disaster Medical Assistance Team



DMAT is a group of professional and para-professional medical personnel (supported by a cadre of logistical and administrative staff) designed to provide medical care during a disaster or other event. NDMS recruits personnel for specific vacancies, plans for training opportunities, and coordinates the deployment of the team. To supplement the standard DMATs, there are highly specialized DMATs that deal with specific medical conditions such as crushing injuries, burns, and mental health emergencies.

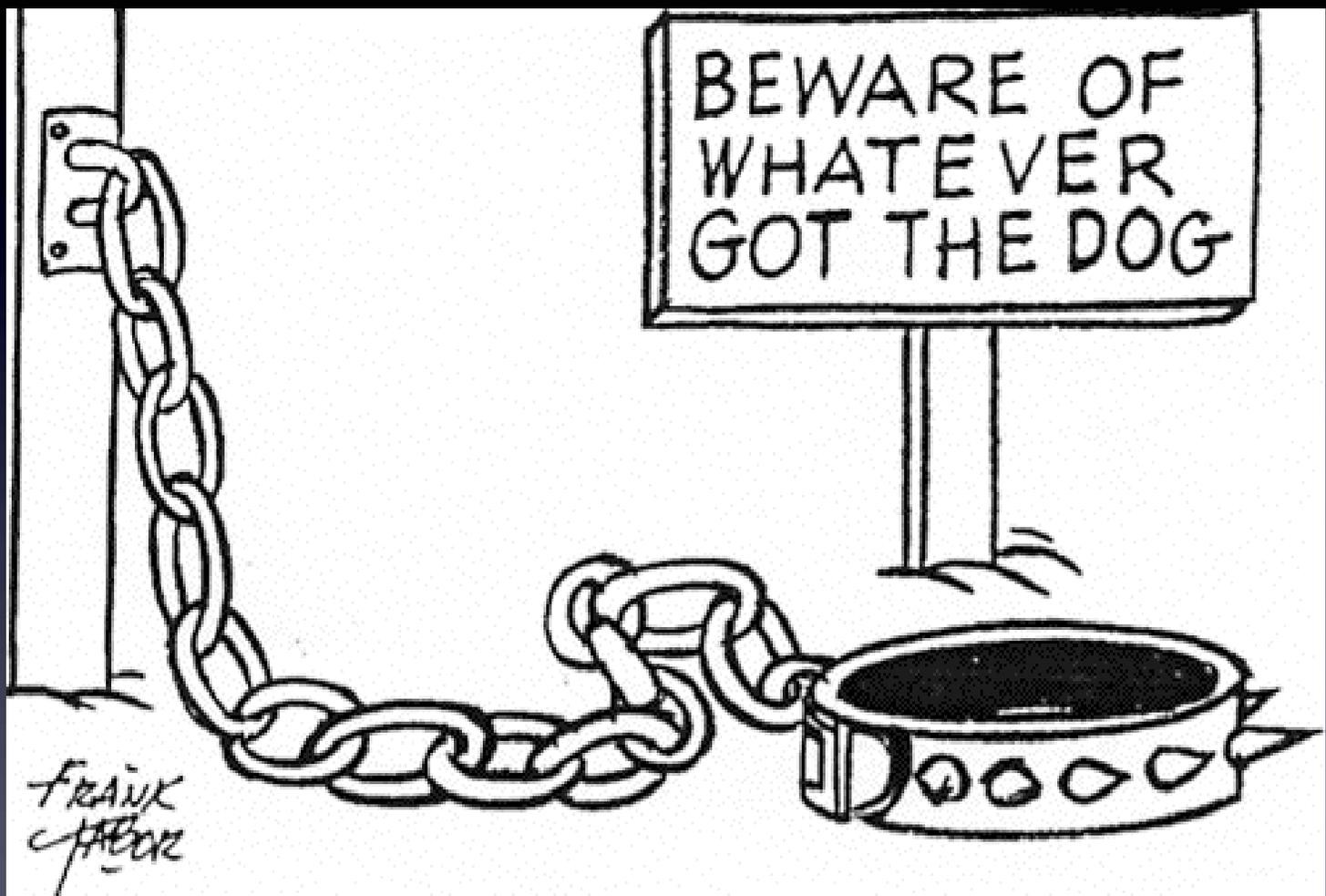


AMERICAN ASSOCIATION OF PHYSICIAN SPECIALISTS, INC.



**What would you do if a flash flood hits and a baby is crowning in your Emergency Department?**

- A.) Push the kid back in, use the gurney as a raft and have the mom-to-be help paddle?**
- B.) Have four orderlies carry the mom-to-be upstairs, as is, while you continue the delivery ?**
- C.) Run for it?**
- D.) Finish the delivery no matter what?**



A young girl with dark hair in pigtails is holding a large white sign. The sign has a smaller white piece of paper taped to it with the words "GET INVOLVED" printed in a black, serif font. She is looking directly at the camera with a serious expression. In the background, there are people in blue uniforms, possibly police or security, and a paved area with a white cross marking.

GET INVOLVED