

# A Junior Commissioned Officer Student Training and Extern Program Experience

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Jr. Environmental Health Officer

Environmental Health Services Branch

National Center for Environmental Health

Center for Disease Control and Prevention

# A JRCOSTEP Experience

ENS Fullingim

Jr. EHO

EHSB

NCEH

CDC

# EHSB Activities

- Worked with CDR Mark Miller
  - Revisions to the Emergency and Terrorism Preparedness Web site
    - Preparation for final review of the Web site
    - Will be up soon!!



# EHSB Activities

- Worked with CDR Miller (cont.)
  - Internet searches on topics related to environmental health
    - Core competencies
    - Need assessments
    - Trainings for environmental health practitioners
  - Review of Emergency Food and Water Supplies (FEMA)

# EHSB Activities

- Developed a matrix of trainings
  - Emergency and terrorism response
  - Continuing education
  - Academic credit
  - Better prepare the environmental health workforce
- Will be accessible on the EHSB Web site

# Matrix

- Topics of trainings
  - General preparedness
  - Water security
  - Food security
  - Hazardous materials
  - Biologic and infectious diseases
  - Radiation
  - Air quality
  - Vector control

# Matrix

Environmental Health Subject Area	Available Trainings	Description	Format	Location	Prerequisite	Type of Credit	Cost	Link	e-mail address	Contact Information
General Preparedness	A Health Professionals Response to the Terrorist Threat	Comprised of 4 modules that incorporate a blend of diverse topics.	CD-ROM	All States	None	4 of Academic Credit 7 of CEU/CE 4 of CHES	None	<a href="http://www.FirstResponderInc.com">www.FirstResponderInc.com</a>	JStrazza@FirstResponderInc.com	John Strazza (212)343-1134
	An Introduction to the Public Health Security and Bioterrorism Preparedness and Response Act of 2002	This course is designed to introduce the learner to the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (BT Act).	Web-based	All States	Registration to ORA U	Certificate	None	<a href="http://www.fda.gov/ora/training/orau/state/welcome.htm#Online%20Courses">http://www.fda.gov/ora/training/orau/state/welcome.htm#Online%20Courses</a>	ORAU@ora.fda.gov	
	An Orientation to Community Disaster Exercises	Provides an orientation to the types of exercises used to test and evaluate a community's emergency plan. The content illustrates the eight basic steps in exercise design and emphasizes the use of a design team to ensure the success of a community's exercise program	Video & Self-Study	All States	None	None	None	<a href="http://training.fema.gov/EMIWeb/is120.htm">http://training.fema.gov/EMIWeb/is120.htm</a>	trainwebmaster@fema.gov	16825 South Seton Avenue Emmitsburg, MD 21727 (301) 447-1000
	Basic Emergency Preparedness for All Public Health Workers	Provides an introduction to the basic emergency preparedness core competencies for all public health workers. It is sponsored by the Center for Public Health Preparedness, Columbia University.	Web-based Training - Self-study (Online)	All States	None	None	None	<a href="http://cpmcnet.columbia.edu/dept/sph/CPHP/">http://cpmcnet.columbia.edu/dept/sph/CPHP/</a>	tec11@columbia.edu	Thomas Chandler (212)342-1290
	Basic Incident Command System	The Incident Command System (ICS) is recognized as an effective system for managing emergencies. Several States have adopted ICS as their standard for emergency management, and others are considering adopting ICS. This Basic Incident Command System (ICS) Course will begin to meet that need.	Web-based Training - Self-study (Online)	All States	None	None	None	<a href="http://www.fema.gov/emi/isfaq.htm">http://www.fema.gov/emi/isfaq.htm</a>	trainwebmaster@fema.gov	16825 South Seton Avenue Emmitsburg, MD 21727 (301) 447-1200
Water Security	Emergency Response Planning (ERP)	Learn from experts with practical experience developing these plans and putting them into effect (see bios below). This is your opportunity to be trained on the elements that go into this critical plan and how to effectively implement it.	Seminar	Various States	None	1.4 CEU	\$453.00	<a href="http://www.awwa.org/education/seminars/">http://www.awwa.org/education/seminars/</a>		6666 W. Quincy Ave. Denver, CO 80235 (303)794-7711 or 800 926-7337
	EPA Emergency Response Planning Workshop for Small and Medium Drinking Water Utilities	Include a discussion of the regulatory requirements to update the ERP and a review of EPA's official guidance for ERP development and upgrades. The course will also provide a comprehensive review of EPA's recently released 'Response Protocol Toolbox: Planning for and Responding to Contamination Threats to Drinking Water Systems.' The Toolbox provides detailed guidance for the utility's response to a threat, or actual incident, of intentional contamination of a public water system.	Workshop	Various States	None	None	None	<a href="http://www.horslevwitten.com/epa/">http://www.horslevwitten.com/epa/</a>	epa@horslevwitten.com	Ellen Lascari (508)833-6600, ext. 135
	Maintaining and Securing Your Water Distribution System	State-of-the-art corrective and preventive maintenance materials, along with other information to aid in preparing to meet the challenges of these critical issues confronting water providers today.	Seminar	Chicago, Illinois	None	1.4 CEU	\$448.00	<a href="http://www.awwa.org/education/seminars/">http://www.awwa.org/education/seminars/</a>		6666 W. Quincy Ave. Denver, CO 80235 (303)794-7711 or 800 926-7337

# EHSB Activities

- Worked with CAPT Craig Shepherd
  - Technical assistance on public inquiries on environmental health issues
    - Bed bugs
    - Fish kills
    - Laboratory information
    - Land-applied biosolids



# EHSB Activities

- Worked with CAPT Charles Otto
  - Coordinated mailings to state and local agency representatives
    - Capacity Building Initiative: Swimming Pool Inspections
    - *A National Strategy to Revitalize Environmental Public Health Services*
  - Timing of training modules



# EHSB Activities

- Assisted with grant programs
  - Participated as a technical reviewer
    - PA #04113, Delivering Environmental Health Services
    - PA #04114, Regional Academic Environmental Public Health Centers
  - Prepared summaries of review board comments for PA #04114

# USPHS Activities

- Attended 3-day Basic Officer Training Course (BOTC)
- Attended promotion ceremony
- Attended the 206th birthday ceremony of the USPHS
  - Met Deputy Surgeon General

# Other Activities

- Practical experience of all three levels of government related to environmental health and inspections
  - Federal
  - State
  - Local

# CDC (Federal)

- Money for state and local programs
- Information gathered and disseminated to state and local agencies
- Technical assistance for the state and local programs

# CDC

- Vessel Sanitation Program (VSP)
  - Accompanied George Vaughan and Julia Chervoni on the inspection of two cruise ships
    - Food (galleys, bars, and Lido)
    - Provisions (storage)
    - Medical reports and records
    - Water records
    - Swimming pools and whirlpools
    - Child activity centers
    - HVAC systems
    - Infection control activities

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# Georgia Department of Agriculture (State)

- Consumer Protection Division
  - Inspections
    - Grocery stores
    - Convenience stores
    - Condiment packaging
    - Shellfish distributors







MW  
6-16

WARNING  
3260

Inventory  
5/5  
19.55  
SAS 40

13.29

# DeKalb County Board of Health (Local)

- Division of Environmental Health
  - Community outreach activity
    - West Nile virus (mosquitoes)
  - Litter index of DeKalb County
    - Windshield inspection
  - Food (restaurant)
  - Pools
  - School indoor air quality: “Tools for Schools”
  - Home lead inspections













# Obstacles Encountered

- Language barrier
  - State and local levels
    - Spanish
  - Federal level
    - Acronyms

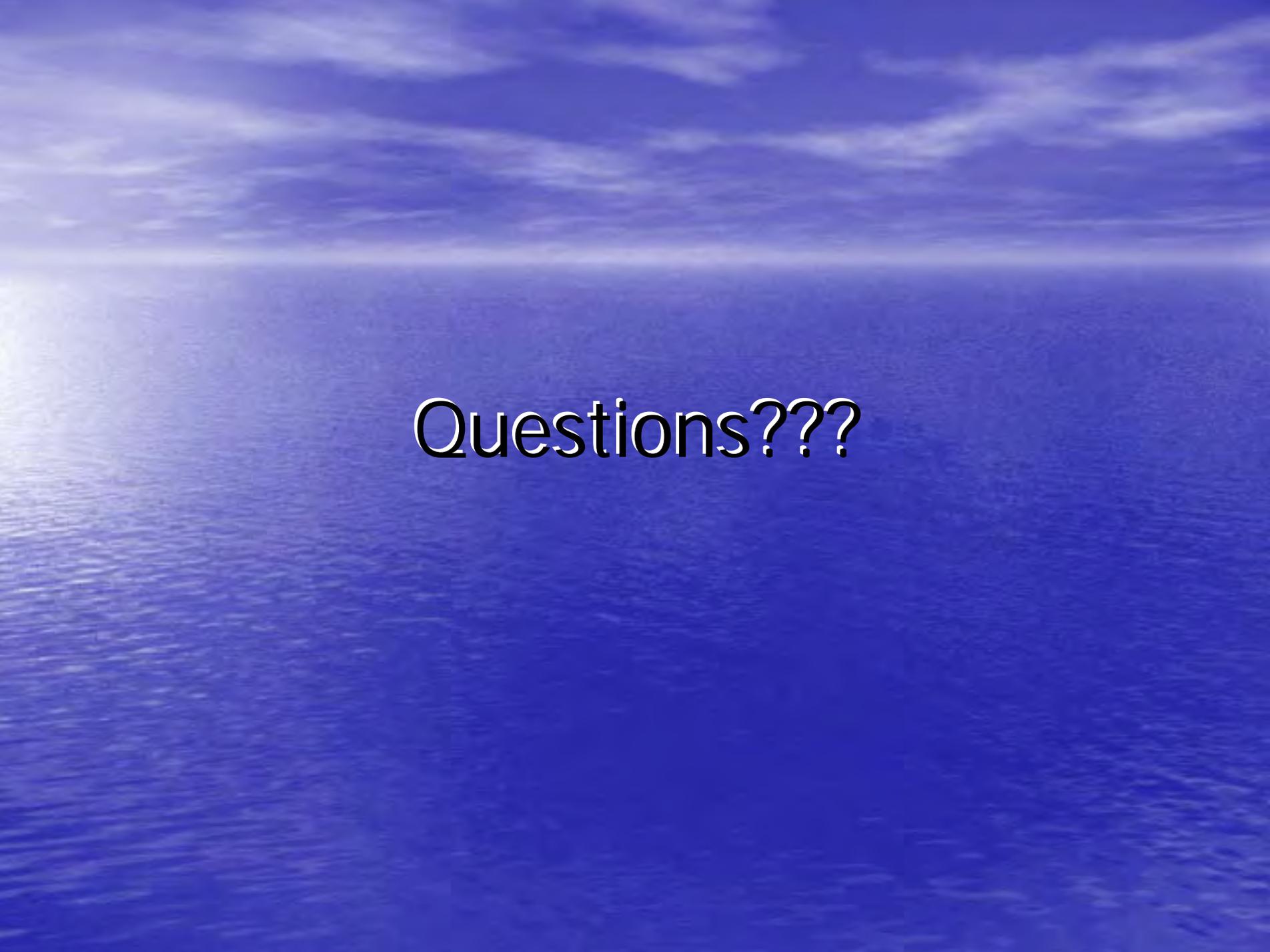
Thank you to everyone at EHSB  
for allowing me this opportunity  
and for all of the support

Special thanks to:

Mark Miller

Craig Shepherd

Charles Otto



Questions???