

Public Health Preparedness for Severe Storms

Julie Casani, MD, MPH



Disaster

- **An event which reveals the weaknesses in man-made systems**

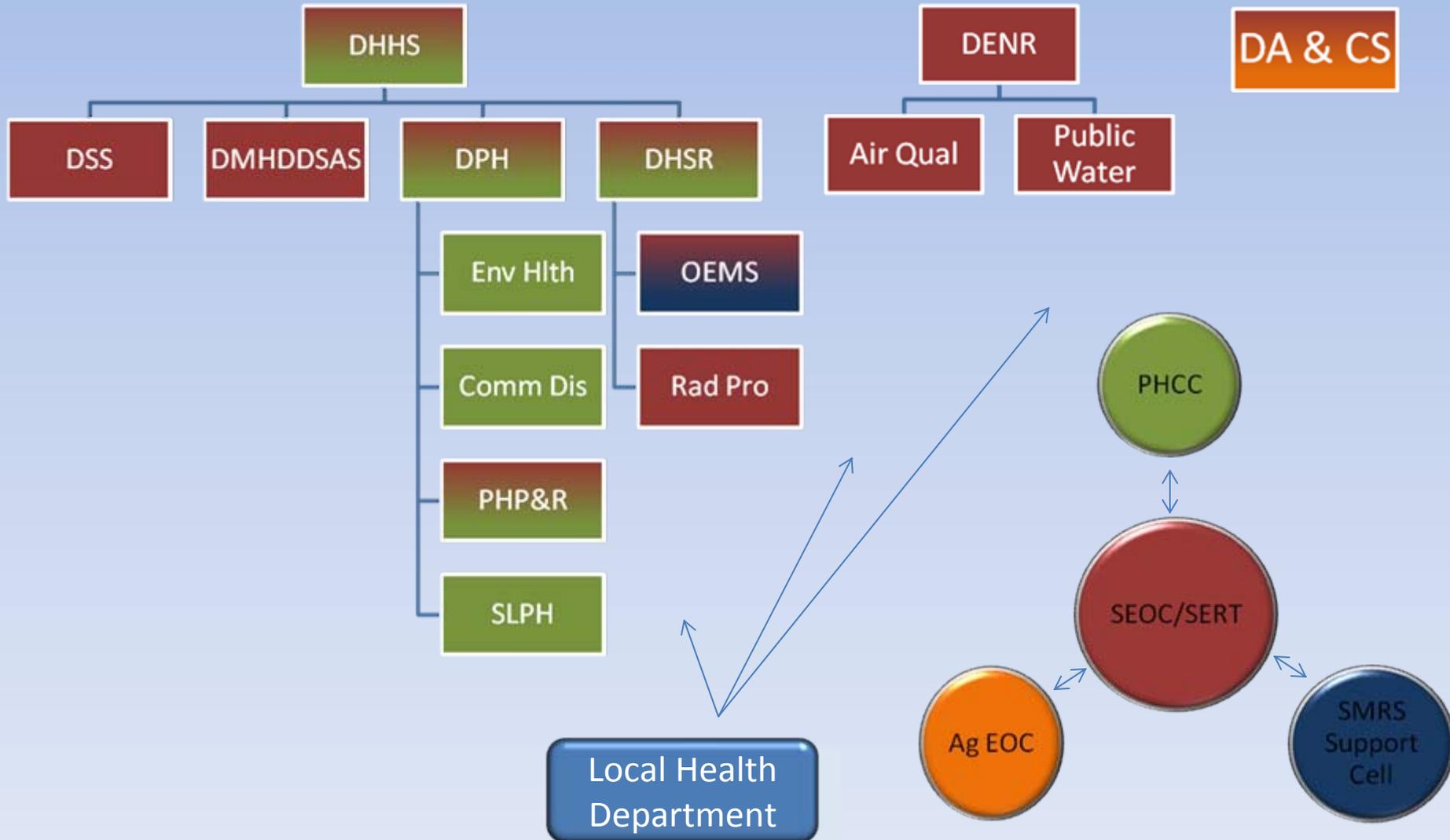
Vulnerabilities

- **Just-in-Time Society**
 - Dependency on mobility
- **Changes in Health Care Economics/Practice**
 - Shift of medical care to out-patient
- **Infrastructure growth/replacement out of synch with population demands**
 - Water, power, roads
- **Building surge capacity costs**

Successes

- **Ability to build systems**
 - Eye towards “dual use”
- **Experience = Education**
 - Experience = \$ (sometimes)

NC "PH" Organization



Category 4-5	Day -5 to -7	Day -4 to -3	Day -2 to -1	Day 0	Day 1-2	Day 3-4	Day 5-7
Mission							
Human Health Surveillance	Review/update injury and illness reports	Review/update injury and illness reports	Begin running reports	run reports and report trends to IMT	run reports and report trends to IMT	run reports and report trends to IMT	run reports and report trends to IMT
Injury/illness prevention messages	Review/update messages	Review/update messages	Review/update messages		Release messages	Continue messages Develop new messages based on surveillance and identification of illnesses and injuries	Continue messages Develop new messages based on surveillance and identification of illnesses and injuries
Coordination of Resources in Support of Local Health Departments	Contact Prep Coordinators Determine anticipated needs Determine potential sources for requested resources Support local evacuation procedures as needed	Contact Prep Coordinators Determine anticipated needs Determine potential sources for requested resources Support local evacuation procedures as needed	Contact Prep Coordinators Determine anticipated needs Determine potential sources for requested resources Support local evacuation procedures as needed		Coordinate through PHCC any additional support through SEOC	Coordinate through PHCC any additional support through SEOC	Coordinate through PHCC any additional support through SEOC
Community Health Assessments for Public Health Emergencies	Prepare equipment Update surveys	Identify command staff and interview teams	Arrange logistics	Prepare for deployment	Receive requests. Deploy to staging area, train interview teams	Collect household interviews, analyze data	Submit report
Mass Dispensing/ Vaccination							
Environmental Health Risk Assessment	Support local requests for Shelter Env Surveys	Support local requests for Shelter Env Surveys	Support local requests for Shelter Env Surveys		Respond to requests for additional resources	Respond to requests for additional resources	Respond to requests for additional resources
Laboratory Services							
Mass Fatality							
PHCC	Prepare equipment Determine schedules of activated	Prepare equipment Determine schedules for partial activation	Prepare equipment Determine schedules of activated		Activate as required	Activate as required	Activate as required
SMSS support	Participate in conference call Assign support to SMSS and MCT	Assigned staff participates in mobilizing PH resources for SMSS Provide staff for MCT Environmental screen of location	Mission assigned for deployment				
SEOC	Participate in conference calls Determine schedules for activation	Staff SEOC as directed by NC EM Start tracking activity	Complete tasks as assigned Provide liaison with PHCC: communicate, assure task orders are assigned and completed		Complete tasks as assigned Provide liaison with PHCC: communicate, assure task orders are assigned and completed	Complete tasks as assigned Provide liaison with PHCC: communicate, assure task orders are assigned and completed	Complete tasks as assigned Provide liaison with PHCC: communicate, assure task orders are assigned and completed

NC Public Health Information Network (NC PHIN)

**Early Detection:
Suspected Cases**

Health
Alert
Network

Alerting & Paging

Confirmed Cases

NC EDSS

EMS

Wildlife

Vet Lab

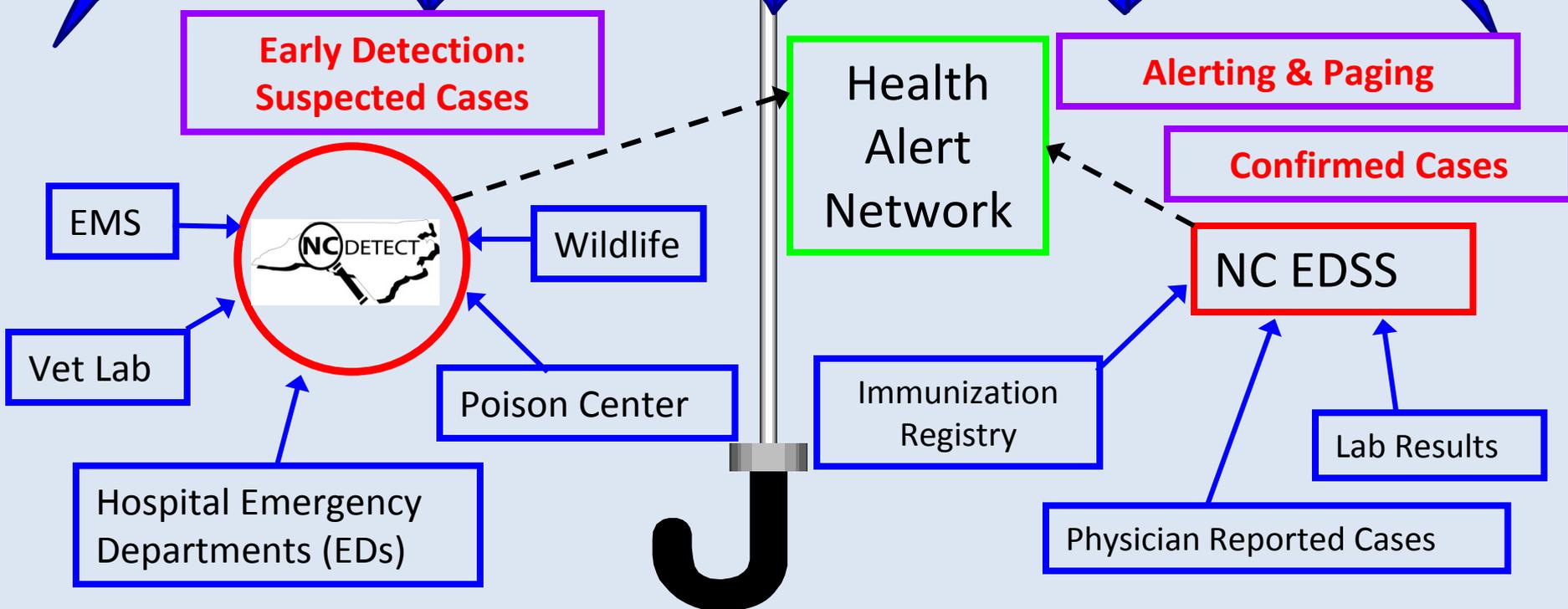
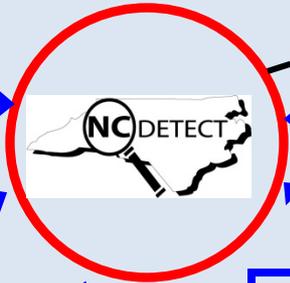
Poison Center

Immunization
Registry

Lab Results

Hospital Emergency
Departments (EDs)

Physician Reported Cases



Community Assessments for Public Health Emergency Response (CASPERs)

State	Type	Event	Date
NC	Disaster	Hurricane Isabel	2003
NC	Exercise	Plague	2003
NC	Disaster	Hurricane Charley	2004
NC	Outbreak	Legionnaire's Disease	2004
NC	Exercise	Chemical Spill	2005
NC	Exercise	Monkeypox	2005
FL	Disaster	Hurricane Wilma	2005
MS	Disaster	Hurricane Katrina	2006
NC	Program improvement	County community health assessments	2006 – 2008
NC	Preparedness planning	Pre-hurricane community assessment	2007
NC	Exercise	METTA – Shelter Surveillance	2008
IA	Disaster	Iowa Floods	2008
NC	Program improvement	Hurricane evacuation decision making assessment	2008

GIVE CALLERS INFORMATION

- ? WHO IS MY LOCAL HEALTH DIRECTOR
- ? WHAT IS LOCAL HEALTH DEPT. PHONE NUMBER
- ? WHERE CAN I FIND INFORMATION (GIVE WEB)

LOGISTICS
805-1258

Asst. PIO
Holly Watkins



5-5-09

PHCC-715-0488 (internal) PAPER @ NEWCASTLE

*Swine Flu PHCC (Amvco+LHA)-898-820-0520

LH Directors Conf. Call-919-733-2811

IM (JULIE: 3683795) NO CODE

NC CARELINE
 LOCAL 919-855-1400 (Eng-Span)
 919-733-4581 (TTY)
 TOLL FREE 800-662-7050 (Eng-Span)
 877-452-2514 (TTY)

SUB/IT: DAVID WITRELL 764-9861 (call)

- PIO: EM FIRING-715-4174 (G)
- LAB: LESLIE WATKINS (call)

Lab AFTER HOURS - call 919 8078600

• CHRIS HOKE call 919-810-5355 fax 919 310 1012
 pager 919-505-3458

015 PE
 8am-ARRIV
 8³⁰ - 1st BR
 * 11³⁰ - HD a
 * 1pm-PAEST
 * 1:20m-CCO
 * 2:30-PIE a
 * 3³⁰ - CDC a
 4³⁰ - last B
 8pm - CIO
 MINE

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