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**South Central Center for  
Public Health Preparedness**



**UAB** School of Public Health  
**Tulane University** School of Public  
Health and Tropical Medicine

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**The Changing Landscape of Public  
Health Preparedness Funding**

- Overview of the CPHP Program
- South Central Center for Public Health Preparedness (SCCPHP) – 2006-2007
- South Central Center for Public Health Preparedness (SCCPHP) – 2007-2008
- Impact of the Pandemic and All-Hazards Preparedness Act (PAHPA)
- SCCPHP Future Direction

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## Overview of the CPHP Program

- Centers for Public Health Preparedness (CPHP) train frontline workers in state and local health departments, preparing them to protect citizens in the event of a public health emergency – inclusive of infectious, environmental, occupational, and terrorist threats.
- Created in 2000 with CDC funding, the network of 27 centers located in graduate, accredited schools of public health.

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## Academic Centers for Public Health Preparedness




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## South Central Center for Public Health Preparedness – Mission



- The South Central Center for Public Health Preparedness (SCCPHP) trains front-line workers in state and local health departments to protect American citizens in the event of a public health emergency—including infectious disease, environmental, occupational, and terrorist threats.

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## SCCPHP

- The SCCPHP provides training opportunities tailored to the unique needs of the region through onsite courses, web-based courses, satellite broadcasts, regional conferences, workshops, and newsletters.
- The SCCPHP fosters and coordinates information sharing and relationships among state and local practice partners through regular conference calls, meetings, and joint training activities.
- The SCCPHP works with state and local health agencies in the region to identify individual and organizational-level training needs in bioterrorism, infectious disease, food safety, school safety, radiological terrorism, and other areas.

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## Partnership Members

- 3 federal agencies (CDC, HRSA, ASPR)
- 4 state health departments (AR, LA, MS, AL)
- 3 local health departments (Jefferson Co (AL), Mobile Co (AL), New Orleans (LA))
- 5 schools (UAB, Tulane, UAMS, LSU, UA)
  - 2 PIs and schools (UAB, Tulane)
- 1 advisory board for all Partnership programs

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### Face-to-Face/One-time Offerings Conferences & Workshops in 06-07

- Safe and Sound II Children's Conference (AL)
- Radiological Terrorism Preparedness: New Tools and Guidance for First Responders, Hospitals, and Health Departments (AL)
- Environmental Health Workshop – Hurricane Dialogues (MS)
- Mississippi Agricultural Security Conference
- Alabama Agricultural Security Conference
- Plan and Protect Conference (MS)
- Preparedness For All Conference (AL)
- Advanced Crisis Leadership Institute
- Crisis Leadership Workshop




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### Courses and Exercises in 06-07



- Explosion and Blast Injury
- Community-based Pharmacist
- Agricultural Incident Response and Investigation Training
- Basic Disaster Life Support
- CSEPP Training
- MSDH Volunteer Training
- Introduction to Weapons of Mass Destruction
- Alabama School Closing Tabletops
- MS Functional Pan Flu Exercises




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### Conferences, Workshops, Courses & Exercise Total 06/07 Reach

	<u>Participants</u>	<u>Contact Hours</u>
Total	4,755	49,864

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## Other Training Activities in 06-07

- Preparedness Minutes Videos
- Satellite Broadcasts
- Distance Learning Online Courses
- Emergency Preparedness Online Certificate Program
- JCDH Environmental Health Certificate Program

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## Preparedness Minutes in 06-07



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|---|---|
| ■ Food Safety                                   | ■ Vulnerable Populations in Cold Weather Situations |
| ■ Generator Safety                              | ■ Dealing with Stress                               |
| ■ Mosquito Avoidance                            | ■ Talking to Kids about Intruders                   |
| ■ Storing Personal Medications for Disaster     | ■ Medical Needs Shelters                            |
| ■ Psychological First Aid                       | ■ General Preparedness Tips                         |
| ■ Staying Cool to Prevent Heat-Related Problems |   |
| ■ Sheltering-in-Place                           |   |

Total Viewership = **30,722**

<http://www.southcentralpartnership.org>

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## Satellite Broadcasts in 06-07



- 9-28-06 Utilizing Government Resources in a Disaster 1,749
- 11-28-06 Planning and Execution of Disaster Response 5,119
- 12-4-06 Vulnerable Populations and Emergency Management 1,690
- 2-27-07 When the System is Overwhelmed: Protecting the Provider During Bio-disaster 5,571
- 3-22-07 Psychology of Terrorism and Psychological Counterterrorism: 7 Things You Should Know 6,370
- 3-27-07 Bombs, Explosions & Preparedness: A New Role for Public Health and First Responders 5,289
- 6-29-07 Mass Shelters: Environmental Health Issues 4,103
- 8-15-07 The Pharmacist role in disaster response 2,891

Averaging **4,070** participants per Broadcast  
with a total reach thus far of **32,930**

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## Distance Learning Online Courses in 06-07



### SCCPHP Online Courses

- 73 web-based emergency preparedness courses and certificate program courses developed
- Most available for open enrollment 24/7
- 1,954 enrollments during 06/07
- 30 new courses developed and delivered during 06/07
- Connectivity with TRAIN increased access to courses – 896 registrations from TRAIN users

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## Emergency Preparedness Online Certificate Program in 06-07

### Level 1 Courses

- Historical Overview of Public Health
- Health Disparities and Determinants of Health
- Public Health Programs and Infrastructure
- Core Functions and Essential Services
- Public Health Law
- Environmental Health Issues
- Environmental Epidemiology
- Biostatistics
- Community Needs Assessment
- Evaluation

### Level 2 Courses

- Bioterrorism/Chemical Terrorism Awareness
- Managing and Operating a Medical Needs Shelter
- Pediatric Needs in a Disaster
- Influenza
- Public Health Consequences of Disasters
- Environmental Health Issues Common to Disasters

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## JCDH Environmental Health Certificate Program in 06-07

### Level 1 Courses

- Historical Overview of Public Health
- Health Disparities and Determinants of Health
- Public Health Programs and Infrastructure
- Core Functions and Essential Services
- Public Health Law
- Environmental Health Issues
- Environmental Epidemiology
- Biostatistics
- Community Needs Assessment
- Evaluation

### Level 2 Courses

- Food Safety
- Solid Waste
- Hazardous Waste
- Wastewater
- Environmental Health Issues in Disasters
- Zoonoses, Vectors, Pests, and Poisonous Plants

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## Other Activities in 06/07



- Seventeen IMPACT Internships
- Two Scholarships
- PREPARE Newsletter
- UAB SOPH - MPH in Preparedness Policy and Management
- UAB SOPH - DrPH in Health Care Organization & Policy
- Tulane University – MPH/DrPH Disaster Preparedness and Management – Available via Distance Learning

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## SCCPHP Plan for 2007-2008



### Conferences/Workshops

- MS Special Populations Planning
- Emergency Preparedness Symposium
- AL Food Safety
- Psychological First Aid (4)
- AL Milk Security
- ALPHA Meeting

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## SCCPHP Plan for 2007-2008



### Face-to-Face Training/Tabletop

- Explosion and Blast Injury (14)
- MCI START (12)
- WMD All-Hazards (12)
- Medical Command (12)
- AL & MS Cross Boarder (2)
- Agriculture Incidence Response - full scale
- MS School Closings (24)

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## SCCPHP Plan for 2007-2008



### Online Courses/Produced Segments

- Explosion and Blast Injury
- Medical Command
- Continuity of Operations
- Emergency Preparedness Certificate
- Environmental Health Certificate
- Satellite Broadcasts (8)
- Preparedness Minute (12)

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## SCCPHP Plan for 2007-2008



### Meetings Facilitation/Other

- ADPH Pandemic Flu Coordination
- Community Health Centers Preparedness planning
- Internships/Scholarships
- Prepare E-Newsletter
- Level 3 Follow-up Evaluation
- Online Competency Assessment Tool

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## Pandemic and All-Hazards Preparedness Act (PAHPA)



- Extensive 137-page bill, passed December 2006 (Public Law No. 109-417)
- Codified HHS as lead Federal public health and medical response to public health emergencies and National Response Plan (NRP) incidents
- Directed HHS to enter into an interagency agreement with DHS, VA, DoD to assume operational control of Federal public health and medical personnel and assets during incidents
- Established a new Assistant HHS Secretary for Preparedness and Response (ASPR)

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## ASPR Roles and Programs



- Enhancement of state and local preparedness
- Development and implementation of National and Departmental plans/policies for responding to public health/medical threats and emergencies
- Departmental and interagency planning and response coordination
- Rapid public health and medical support for Federal, State, local and Tribal governments
- Leadership in international preparedness and response programs, initiatives, and policies
- Coordination in research, development, and acquisition of medical countermeasures

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## Probable Impact of PAHPA on the CDC CPHP Program



- Level funding for fiscal year 07-08
- Fifty percent funding for fiscal year 08-09 for existing CPHPs
- CDC will develop two CPHP program activities – core curriculum development and public health systems research

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## CDC Current Plans



- Maintain current CPHPs through September 09
- A CPHP-R funding announcement in Spring 08
- A new CPHP-T/E funding announcement Spring 09

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## CDC Current Plans – CPHP-R



- Competitive grants for core funding for research centers
- Supplemental research projects will be awarded competitively as investigator-initiated projects (R-01)
- Public health system research priorities will be developed in the initial CPHP-R announcement

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## Public Health Systems Research



A field of study that examines the organization, financing, and delivery of public health services within communities, and the impact of these services on public health

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## Possible Research Areas



- Protecting vulnerable populations
- Response networks and systems
- Disaster and emergency communications
- Public health organization and infrastructure
- Public health information management and systems
- Disaster and emergency decision making

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## CDC Current Plans – CPHP-T/E



- Training/education cooperative agreements that cover core activities (outreach, technical assistance, instruction and exercise) will take effect immediately following the conclusion of the fifth year of the current CPHP cooperative agreement

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## SCCPHP Future Direction



- Continue CPHP Public Health Training/Education through September 2009
- Apply for CPHP-R funding in Spring 08
- Apply for new CPHP-T/E funding in Spring 09
- Apply for supplemental investigator-initiated projects (R-01) 08-09

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