

# Can It Happen in Kansas?

## RESPONSE TO TERRORISM & EMERGING INFECTIONS

for Health Professionals and Emergency Medical Personnel

The University of Kansas

# KUCE

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The University of Kansas  
Continuing Education  
1515 St. Andrews Drive  
Lawrence, KS 66047-1625

### Six Training Opportunities in December 2003

Overland Park . . . . .December 3  
Pittsburg . . . . .December 5  
Topeka . . . . .December 8  
Wichita . . . . .December 10  
Garden City . . . . .December 12  
Hays . . . . .December 15

#### Sponsored by

The University of Kansas Medical Center Department of Health and Technology Outreach, School of Pharmacy Continuing Education, Area Health Education Centers, and University of Kansas Continuing Education

#### Co-sponsored by

The Kansas Department of Health and Environment

## RESPONSE TO TERRORISM & EMERGING INFECTIONS

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**A multidisciplinary  
conference to prepare  
health professionals  
and EMS personnel for  
collaborative response**

[www.kansasbioterrorism.org](http://www.kansasbioterrorism.org)



## **FOUR CORE COMPETENCIES** will be conference focus

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- Recognition of a terrorist event or other public health emergency.
- Meeting the acute care needs of patients, including pediatric patients and vulnerable populations, in a safe and appropriate manner.
- Rapidly and effectively alerting the public health system at the community, state, and national levels during a terrorist event.
- Participating in a coordinated, multidisciplinary response.

## **FOR A BROAD RANGE OF HEALTH & EMS PROFESSIONALS** likely to be involved with terrorist-incident response

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*This one-day conference, followed by a series of discipline-specific training sessions offered during the next year, will address many of these issues for physicians, nurses (including physician assistants, advanced-practice nurses, and school nurses), public health officials, mental health professionals, EMS personnel, clinical laboratory personnel, pharmacists, physical therapists, respiratory therapists, and others who may be called on to respond to a terrorist incident.*

### ■ *Planning committee and presenters are strongly representative of health & EMS professionals\**

**Bruce W. Clements**, MPH, Associate Director, Center for the Study of Bioterrorism and Emerging Infections, St. Louis University, St. Louis, Missouri (*planning committee*)

**Thomas Clements**, MD, MPH, Special Projects Medical Officer, Bioterrorism Program, Kansas Department of Health and Environment, Topeka, Kansas (retired) (*presenter*)

**Michael J. "Micky" Davis**, Director, Unified Government Office of Emergency Management, Kansas City, Kansas (*planning committee and presenter*)

**Jerry Jaax**, DVM, Associate Vice Provost for Research Compliance and University Veterinarian, Kansas State University, Manhattan, Kansas (*planning committee and presenter*)

**Gerold Minns**, MD, Professor, Internal Medicine, Associate Dean for Academic and Student Affairs, KU School of Medicine, Wichita, Kansas (*presenter*)

**Shirley Orr**, MHS, ARNP, CNAA, Director, Local Health, Office of Local and Rural Health, Kansas Department of Health and Environment, Topeka, Kansas (*planning committee*)

**Gianfranco Pezzino**, MD, MPH, Medical Director, Bureau of Epidemiology and Disease Prevention, Kansas Department of Health and Environment, Topeka, Kansas (*planning committee and presenter*)

**Gloria Vermie**, RN, MPH, MMRS Coordinator, Health Surveillance and Disease Prevention, Sedgwick County Health Department, Wichita, Kansas (*planning committee and presenter*)

**Wallace N. Weber**, MD, Heartland Dermatology Center PA, Hays, Kansas, Formerly of Fitzsimmons Army Medical Center, Denver, Colorado (*planning committee and presenter*)

**Barbara L. Woods**, RPh, MA, Clinical Assistant Professor, Director of Clinical Pharmacy Education, School of Pharmacy, University of Kansas, Lawrence, Kansas (*planning committee*)

### ■ *From the University of Kansas Medical Center, Kansas City, Kansas*

**Ilene Brawner**, RN, MS, Director, Continuing Nursing Education (*planning committee*)

**Sandra Colyer**, MPA, Executive Officer, Office of the Executive Vice Chancellor (*planning committee*)

**David Cook**, PhD, Director, Department of Health and Technology Outreach (*planning committee*)

**Dale Grube**, MA, Associate Dean, University of Kansas Continuing Education, Director of Continuing Medical Education (*planning committee*)

**Daniel Hinthorn**, MD, FACP, Professor of Medicine, Director, Division of Infectious Disease (*planning committee and presenter*)

**Patricia Hargrave**, PhD, Assistant Professor, Clinical Laboratory Science (*presenter*)

**Rebecca Horvat**, PhD, Associate Professor in Pathology and Lab Medicine, Director, Microbiology Laboratory, University of Kansas Hospital (*planning committee and presenter*)

**David F. Preston**, MD, Professor Emeritus, Nuclear Medicine (*presenter*)

**Ruth Schukman-Dakotas**, Director of Safety (*planning committee*)

**Nina Shik**, RN, MSN, CIC, Infection Control Coordinator (*planning committee*)

*\*Presenters may vary by conference location.*

## **Acknowledgment**

This conference is supported by a grant from the federal Department of Health and Human Services, Health Resources and Services Administration, Bureau of Health Professions.

## STATEWIDE ASSESSMENT REVEALS training needs of physicians, nurses, and EMS professionals

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In a collaborative effort, the Kansas Department of Health and Environment and the University of Kansas Medical Center conducted a statewide assessment to identify the training needed by physicians, nurses, and EMS personnel to respond effectively to a terrorist incident. The purpose of the study was to pinpoint training needs so responsive training programs could be developed.

### *The messages from all three groups were consistent:*

- A need for standardized training in recognizing presenting symptoms, making a differential diagnosis, protecting self and others, responding, and reporting.
- A need for standardized protocols and systems.
- A desire for basic terrorism response materials in concise, readily accessible formats such as pocket cards and flip charts.
- Frustration that, although many response plans are in place, those who must execute them don't know what is in the plan, don't know where the plan is, or have not participated in drills.
- Concern about apathy and lack of support from institutions and administrators.
- Concern about emerging infectious diseases.
- The need for responders and response agencies to understand one another's roles and responsibilities.

## THIS CONFERENCE WILL FULFILL THOSE NEEDS

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### *After attending this conference, participants will be able to:*

- Be conversant with the Kansas Bioterrorism Plan, including protocols and emergency notification.
- Access response resources, including the Public Health Clinical Resource Network and the Public Health Information Exchange (PHIX).
- Be alert to presenting symptoms potentially associated with an emerging infection.
- Be alert to the potential for bioterrorist attacks to Kansas' agriculture infrastructure and the effects of an attack on humans and animals.
- Describe the roles and responsibilities of individuals and agencies involved in incident response.
- Identify diagnostic criteria for CDC's category "A" bioterrorist pathogens.
- Discuss components of CDC's Laboratory Response to Bioterrorism Plan.
- Recognize symptoms in patients exposed to significant levels of radiation and respond appropriately.
- Describe appropriate medical management of exposure to chemicals commonly seen or weaponized.

## THIS CONFERENCE IS ACCREDITED

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**All participants desiring credit are required to sign attendance rosters at the beginning of the conference.**

**Credit will be prorated according to documented attendance.**

**Physicians:** KU Medical Center Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing education for physicians. This conference is designated for a maximum of 7 hours in category 1 credit toward the American Medical Association Physician's Recognition Award. Physicians should claim only the hours that they actually spend in this activity.

**Nurses (KU Medical Center, Kansas City, Kansas):** This educational activity for 8.4 contact hours is provided by the University of Kansas School of Nursing, Continuing Nursing Education, which is accredited as a provider of continuing education in nursing by the American Nurses Credentialing Center's Commission on Accreditation.

**Nurses (AHECs):** The University of Kansas Area Health Education Centers—Northwest Region (KSBN Provider Number LT0086-1149), Rural Eastern Kansas (KSBN Number LT0056-0749), and Southwest Kansas (Provider Number LT0198-0794), as approved providers of continuing education by the Kansas State Board of Nursing, present this offering for 8.4 contact hours of credit applicable for relicensure of RNs and LPNs.

**Pharmacists:** The University of Kansas School of Pharmacy is approved by the American Council on Pharmaceutical Education as a provider of continuing pharmaceutical education. To receive a statement of continuing education credit for participating in the program, you must sign the attendance roster and complete the program evaluation. A statement of completion will be mailed to you within four weeks following your participation. This program has been approved for 7 hours (0.7 CEU). Program # 021-999-03-001-L04.

**Laboratory professionals:** The Southwestern Association for Clinical Microbiology has been approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. Application has been made to SWACM to provide P.A.C.E. credits for attendance at this program.

## TOPICS & SCHEDULE

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7:15 **Registration and Continental Breakfast**

7:45 **Welcome and Introductions**

8:00 **Bioterrorism Preparedness in Kansas**

*Gianfranco Pezzino, MD, MPH*

- Key elements of the Kansas Bioterrorism Plan
- Major determinants of preparedness: early recognition and containment, emergency management vs. public health roles, national pharmaceutical stockpile
- Protocols and reporting
- Resources: Public Health Information Exchange and Public Health Clinical Resource Network
- Emerging infections in Kansas—the public health perspective: SARS, West Nile virus, chronic wasting disease, monkey pox

9:00 **Bioterrorism Implications for Kansas' Agriculture and Health Infrastructures**

*Jerry Jaax, DVM*

- Overview of the bioterrorist threat
- Potential for bioterrorist attacks on Kansas' agriculture infrastructure: concurrent effects on human and animal health
- Characteristics of biological agents: how they are produced and used and problems they present to responders and planners
- Weaponization: limited R&D or delivery system
- Catastrophic implications to the agricultural economy
- Implications for health professionals

10:00 **Break and Information Tables**

10:30 **Biologic Warfare, Terrorism, and Emerging Infections: The Clinical Perspective**

*Daniel Hinthorn, MD, FACP, will present in Overland Park and Pittsburg.*

*Gerold Minns, MD, will present in Wichita.*

*Wallace Weber, MD, will present in Topeka, Garden City, and Hays.*

- Motivation for terrorism
- Agents likely to be used
- Index of suspicion and clues to consider
- Who is responsible
- Special considerations for vulnerable populations, including pediatric and geriatric patients
- On the alert for emerging infections—SARS, West Nile virus, chronic wasting disease, monkey pox

12:00 **Lunch** (provided)

1:00 **Response to Bioterrorism: The Role of the Clinical Laboratory**

*Rebecca Horvat, PhD, will present in Overland Park and other locations.*

*Patricia Hargrave, PhD, will present in several locations.*

- Tests to be performed by a hospital microbiology lab, when to rule out, when to refer
- Types of specimens to divert from the hospital lab
- When to alert the state health department and CDC of a potential bioterrorism agent
- Select agent laws and shipping requirements
- Review of safety guidelines for handling, storing, and destruction of biohazard agents

1:45 **Medical Management of Chemical Casualties**

*Thomas Clements, MD, MPH*

- Categories of chemical agents likely to be weaponized: nerve, pulmonary, and incapacitating agents
- Initial life-saving care for chemical casualties: medical management in the prehospital or emergency department setting

2:30 **Break**

3:00 **Basic Preparedness for Radiological Disasters**

*David F. Preston, MD*

- Basics of radiation, syndromes, types of disasters
- Recognizing and treating patients with radiation exposure
- Control of the treatment facility and triage
- Counseling of exposed but noninjured patients
- Contacts in event of radiological disaster

4:00 **The Role of Emergency Response in a Terrorist Incident**

*Micky Davis will present in Kansas City and other sites. Gloria Vermie, RN, MPH, will present in Wichita and other sites.*

- Roles and responsibilities of EMS, fire, and law enforcement
- Common elements of response plans
- Assessing a county's strengths, weaknesses, opportunities, and threats
- Coordinated response: public safety, public health, and health services
- Locale-specific current planning efforts

5:00 **Adjournment**

## THIS CONFERENCE WILL BE PRESENTED IN SIX LOCATIONS

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When registering, indicate your location choice. The registration chart below will tell you the date of each conference, the location of each conference, and how to register at the location of your choice.

The conference fee of \$50 includes course materials, continental breakfast, refreshments, lunch, record of attendance, and credit. For information on scholarships, please contact the office handling registrations for the site of your choice. Students and residents may attend at no charge (no continuing education credit provided). We request that all participants register in advance to ensure a place.

### December 3 • Overland Park

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Overland Park Marriott  
10800 Metcalf

Mail The University of Kansas, Continuing Education  
Registrations  
1515 St. Andrews Drive  
Lawrence, Kansas 66047-1625  
Phone Toll free 877-404-KUCE (5823) or 785-864-5823  
Fax 785-864-4871  
TDD 800-766-3777  
E-mail [kuce@ku.edu](mailto:kuce@ku.edu)  
Web [www.kansasbioterrorism.org](http://www.kansasbioterrorism.org)

### December 5 • Pittsburg

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Holiday Inn Express  
Highway 69 North, 4020 Parkview Drive

Mail Rural Eastern Kansas Area Health Education Center  
PO Box 296  
Pittsburg, Kansas 66762-0296  
Phone 620-235-4040  
(Call to register or for directions to conference site.)  
Fax 620-235-4041  
TDD 800-766-3777

### December 8 • Topeka

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Emerald Ballroom, Capitol Plaza Hotel  
1717 SW Topeka Boulevard

Mail Rural Eastern Kansas Area Health Education Center  
PO Box 296  
Pittsburg, Kansas 66762-0296  
Phone 620-235-4040  
(Call to register or for directions to conference site.)  
Fax 620-235-4041  
TDD 800-766-3777

### December 10 • Wichita

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Emerald Ballroom, Wichita Airport Hilton  
2098 Airport Road

Mail Rural Eastern Kansas Area Health Education Center  
PO Box 296  
Pittsburg, Kansas 66762-0296  
Phone 620-235-4040  
(Call to register or for directions to conference site.)  
Fax 620-235-4041  
TDD 800-766-3777

### December 12 • Garden City

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Plaza Inn Hotel  
1911 E. Kansas Avenue

Mail Southwest Kansas Area Health Education Center  
1501 Fulton Terrace, Suite 1  
Garden City, Kansas 67846-6165  
Phone 620-275-0259  
(Call to register or for directions to conference site.)  
Fax 620-275-2831  
TDD 800-766-3777

### December 15 • Hays

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Classroom, Sternberg Museum of Natural History  
3000 Sternberg Drive

Mail Northwest Kansas Area Health Education Center  
217 E. 32nd Street  
Hays, Kansas 67601  
Phone 785-628-6128  
(Call to register or for directions to conference site.)  
Fax 785-628-6034  
TDD 800-766-3777

# RESPONSE TO TERRORISM AND EMERGING INFECTIONS

**OFFERED IN SIX LOCATIONS!**

**1**

## Please Print

Title (*Mr., Mrs., Ms., Dr.*) \_\_\_\_\_ Full name (*First, MI, Last, Suffix*) \_\_\_\_\_

Name for certificate \_\_\_\_\_ Credentials \_\_\_\_\_

E-mail \_\_\_\_\_ Priority code (*printed above your address*) \_\_\_\_\_

Physician  Nurse  ARNP  Physician assistant  School nurse  EMS  Pharmacist

Clinical laboratory specialist  Public health official  Physical therapist  Respiratory therapist

Other (*please specify*) \_\_\_\_\_

Institution or firm \_\_\_\_\_ SSN \_\_\_\_\_

Address ( Home or  Work) \_\_\_\_\_

City, State, ZIP \_\_\_\_\_

Daytime phone (\_\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_\_) \_\_\_\_\_

**2**

## Fees

- Regular registration ..... \$50  
 Student or resident ..... No charge (*No continuing education credit*)

Total due \$ \_\_\_\_\_

## SSN & FEIN

Requested under the Taxpayer Relief Act of 1997 and KSA 75-3707 for account servicing and for Hope Scholarship and Lifelong Learning tax credit reporting.

**3**

Check enclosed, payable to KU Medical Center

Charge to:  MasterCard  VISA (*no other cards accepted*)

Card # \_\_\_\_\_ Exp. \_\_\_\_\_

Name on card (*print*) \_\_\_\_\_

Bill company. FEIN (*required for billing*) \_\_\_\_\_

PO# \_\_\_\_\_

Billing address (*if different from above*) \_\_\_\_\_

## Privacy Policy

KU Continuing Education does not share, sell, or rent its mailing lists. You have our assurance that any information you provide will be held in confidence by KU Continuing Education.

We occasionally use mailing lists that we have leased. If you receive unwanted communication from KUCE, it is because your name appears on a list we have acquired from another source. In this case, please accept our apologies.

KU Continuing Education typically releases directory information in the form of a participant roster unless written notification to withhold this information is received at least one week before the program.

## Program Accessibility

We accommodate persons with disabilities. Please call 785-864-5823 or mark the space on the registration form at left and a KU Continuing Education representative will contact you to discuss your needs. To ensure accommodation, please register at least two weeks before the start of the conference.

The University of Kansas is committed to providing programs and activities to all persons, regardless of race, religion, color, national origin, ancestry, sex, age, disability, and veteran status. In addition, university policies prohibit discrimination on the basis of sexual orientation, marital status, and parental status.

KUMC is an AA/EEO Title IX institution.

**4**

## Preferred Means of Communication

Please continue to send KUCE information by (check all that apply):

Mail  E-mail  Fax  Phone

Please remove my name from the mailing list.

**5**

## SELECT YOUR LOCATION

See registration submittal information at right.

Overland Park • December 3

Wichita • December 10

Pittsburg • December 5

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Topeka • December 8

Hays • December 15

[www.kansasbioterrorism.org](http://www.kansasbioterrorism.org)



## Special Accommodation

If you will need special accommodation, please mark the box above and a member of the Continuing Education staff will contact you.

CM44004/JCN40460

## Refund & Cancellation Policy

A full refund of registration fees, less a \$10 administrative fee, will be available if requested in writing and received one week before the program for which you register. No refunds will be made after that date. A \$15 fee will be charged for all returned checks. KU Continuing Education and the Area Health Education Centers reserve the right to cancel one or more of these conferences and return all fees in the event of insufficient registration at a particular conference site. The liability of the University of Kansas is limited to the registration fee. The University of Kansas will not be responsible for any losses incurred by registrants, including but not limited to airline cancellation charges or hotel deposits.