



# PEDIATRIC CBRNE

(CHEMICAL, BIOLOGICAL, RADIOLOGICAL, NUCLEAR OR EXPLOSIVE)

## CONFERENCE

---

### Pediatric CBRNE Conference

This training is geared toward in-hospital, physicians, and pre-hospital providers. The program is designed to provide clinical practitioners with tools to recognize and provide care to children who are injured in a Chemical, Biological, Radiological, Nuclear or Explosive event.

Separate breakout sessions will focus on specific concerns of in-hospital and pre-hospital providers. Special care will be taken to address safety issues of the patient care providers.

**This Conference is  
Sponsored by:**



**Creighton**  
UNIVERSITY  
Health Sciences  
Continuing Education

### When and Where

May 30-31, 2012  
Evening of May 30 and All Day May 31  
Embassy Suites  
LaVista NE

### Who Should Attend

Hospital personnel, physicians and EMS involved in providing care to children injured in these types of events.

### Registration Information

Register online at [www.preped.org](http://www.preped.org)  
Registration fee is **\$20** for one day or **\$40** for both days

### For More Information

Visit [www.preped.org](http://www.preped.org) or contact Barbara Dodge  
402-552-3101 or [bdodge@unmc.edu](mailto:bdodge@unmc.edu)

The Center for  
**PREPAREDNESS**  
Education  
A Joint Endeavor Between  
Creighton University School of Medicine and University of Nebraska Medical Center

# CONFERENCE SPEAKERS



## **Kenneth S. Azarow, M.D.**

{Dr. Azarow was deployed as a colonel in the U.S. Army Medical Corps with the 541st Forward Surgical Team, he served in Qalat, Afghanistan, from January through May 2007. He also served as deputy commander of clinical services of the 86th Combat Support Hospital in Baghdad in 2005. In Qalat, Azarow found himself working as the hospital's only surgeon for a third of his time there.} – Franklin & Marshall Magazine.

Dr. Azarow discovered a passion for pediatrics. He is Board Certified in Surgery and Pediatric Surgery. He currently works at Children's Hospital & Medical Center in Omaha. He received the "Best Doctors in America" Award by Best Doctors, Inc. 2011-2012



## **Edward M. Bottei, M.D.**

Dr. Ed Bottei serves as the medical director for the Iowa Statewide Poison Control Center in Sioux City IA. He also works part-time as the state medical toxicologist. Dr. Bottei previously worked for West Virginia Poison Center wanted to return to the Midwest being an Indiana native.

Dr. Edward M Bottei is Board Certified in Critical Care Medicine, Medical Toxicology, and Internal Medicine and specializes in Pulmonology.



## **Thomas Deegan, M.D.**

Dr. Deegan is very proactive in pediatric care in Nebraska. He is the Physician Medical Director for Nebraska Emergency Medical Services for Children (EMSC) Committee. He is a member of the Nebraska Emergency Medical Service (EMS) Board and the Statewide Trauma Board. The last three years, he has been teaching Pediatric Education to Prehospital Professionals (PEPP) Course to EMS providers' across Nebraska.

Dr. Deegan is Board Certified in Pediatric Emergency Medicine and Pediatrics. He currently works in the Emergency Department at Children's Hospital & Medical Center in Omaha. He is an Associate Professor of Pediatrics at University of Nebraska Medical Center.



## **Colonel Ted J Cieslak, M.D.**

Col. Cieslak's background and education led him into the world of bioterrorism in 1996, when some initial cadres of professionals started to come together to study and formulate theories on bioterrorism and biowarfare.

Now relied upon by some of the nation's top decision makers for his knowledge, Cieslak joined CDC in December 2006, as U.S. Department of Defense (DOD) Liaison to CDC. Cieslak is physically assigned to the Coordinating Center for Terrorism Preparedness and Emergency Response (COTPER), and he concentrates on bioterrorism defense and disaster preparedness, coordinating the Defense Department's involvement in the center's exercises. His key duties involve being the conduit for any interaction that occurs between the U.S. Department of Defense and CDC. – Denise Williams, *Coordinating Center for Health Information and Service*.



## **Debra A Reilly, MD, FACS**

Dr. Reilly puts special emphasis on improving the quality of life of patients with difficult surgical scars or wound issues.

Dr. Reilly is Board Certified in Plastic and Reconstructive Surgery. She currently works for Nebraska Medical Center for Wounds in Omaha. Dr. Reilly is an Associate Professor for the Section of Plastic & Reconstructive Surgery and Medical Director of the NHS Burn Center. She also is a national expert on wound healing and runs the wound care center.



## **Lou E Romig, MD, FAAP, FACEP**

Dr. Lou Romig is a Board Certified subspecialist in Pediatric Emergency Medicine. She has been working at the Miami (FL) Children's Hospital since 1989, where she is also the hospital's EMS Liaison. She is currently the Physician Consultant to the Florida EMS for Children (EMSC) program and the Department of Health's EMSC Advisory Committee.

Dr. Romig started Team Life Support as a vehicle to distribute information about JumpSTART and to share her experience and ideas about caring for children and families in their times of greatest vulnerability.

# CONFERENCE AGENDA

---

## WEDNESDAY, May 30, 2012

- 5:30 p.m.                    **Registration**
- 5:45 - 6:30 p.m.           **Supper & General Session – “Ten Commandments”** by Col. Ted Cieslak
- 6:40 - 7:30 p.m.           **Breakout Session**  
“Secondary Triage for Prehospital Providers” by Dr. Lou Romig or  
“What Every Doc Should Know about Radiation” by Dr. Ed Bottei
- 7:40 - 8:30 p.m.           **Breakout Session**  
“Chemical Burns for Prehospital Provider” by Dr. Deb Reilly or  
“Bioterrorism for Docs & Nurses” by Col. Ted Cieslak
- 8:30 – 8:45 p.m.           **Certificates and Evaluations**

## THURSDAY, May 31, 2012

- 8:00 - 8:30 a.m.           **Registration**
- 8:30 - 9:30 a.m.           **General Session**  
“Unique Needs of a Child” by Col. Ted Cieslak
- 9:45 - 10:45 a.m.         **General Session**  
“Pediatric Blast Trauma” by Dr. Kenneth Azazrow
- 11:00 – 12:00 p.m.       **Breakout Session**  
“Thermal Burns for Docs & Nurses” by Dr. Deb Reilly or  
“Radiation: Cues and Clues for EMS Personnel” by Dr. Ed Bottei
- 12:00 - 1:00 p.m.         **Lunch**
- 1:00 - 2:00 p.m.           **General Session**  
“Decontamination - Special Considerations” by Dr. Lou Romig
- 2:15 - 4:00 p.m.           **Breakout Session**  
“Secondary Triage” by Dr. Romig and Dr. Deegan
- 4:00 - 4:30 p.m.           **Debriefing and Evaluations**

---

## DISCLOSURE POLICY

---

It is the policy of Creighton University Health Sciences Continuing Education to ensure balance, independence, objectivity and scientific rigor in all its educational activities. All faculties participating in this activity are expected to disclose to the audience any significant financial interest or other relationship he/she has with the manufacturer(s) of any commercial product(s) discussed in an educational presentation.

---

# PURPOSE AND OBJECTIVES

**Purpose:** This ten-hour program is designed to provide clinical practitioners with the most recent information that will enhance knowledge, skills, and performance in the assessment and treatment of children who are injured in a chemical, biological, radiological, nuclear or explosive event. It will offer separate breakout sessions to focus on specific concerns of both in-hospital and pre-hospital providers with special emphasis on safety issues of healthcare providers.

**Objectives:** *At the end of this program, the participants should be able to:*

- Analyze a 10-Step approach to an unknown incident and explain the procedures to keep responders safe
- Discuss the philosophies of and currently available tools for prehospital primary triage in disasters
- Discuss the signs and symptoms of a patient with radiation injuries and recommend a course of treatment for three types of injuries
- Define three types of chemical burns and discuss appearance, symptoms and possible airway concerns for severe cases in each category
- Recount the history of bio warfare, consider factors that might lead to terroristic use of a biological agent and explain the medical implications of such a deployment
- Describe four ways a child is effected by disasters differently than an adult
- Discuss the five types of trauma from blast injuries and discuss the unique indicators and immediate care for each type
- Describe the appearance of thermal burns on a child and evaluate a variety of courses of treatment given four case studies
- Identify four clues that a patient has been exposed to radiation and describe at least two types of PPE that could keep them safer as they provide care and transport of contaminated or injured pediatric patients
- Discuss the unique logistical challenges that must be considered when planning for the successful decontamination of children in the prehospital and Emergency Department settings
- Recognize the most important factors affecting the performance of secondary disaster triage in the prehospital setting
- Demonstrate in skills stations the appropriate assessment and treatment of at least four pediatric patients who are affected with trauma or biological illness
- Demonstrate through discussion, ways to improve their pediatric assessment skills

## CONTINUING EDUCATION CREDIT

The Creighton University School of Medicine designates this live activity for a maximum of 8 AMA PRA Category 1 Credit(s)™. Physicians should claim only credit commensurate with the extent of their participation in the activity. (Day 1 = 2.25 credits, Day 2 = 5.75 credits.)

AAPA accepts AMA category 1 credit for the PRA from organizations accredited by ACCME. The Creighton University Health Sciences Continuing Education designates this activity for 8.0 contact hours for nurses. (Day 1 = 2.25 credits, Day 2 = 5.75 credits.)

This educational activity has been approved for up to 8.0 educational hours for all levels of EMS personnel through Creighton University. (Day 1 = 2.25 credits, Day 2 = 5.75 credits.)

## ACCREDITATION STATEMENT

This activity has been planned and implemented by Creighton University Health Sciences Continuing Education and The Center for Preparedness Education for the advancement of patient care. Creighton University Health Sciences Continuing Education is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for the healthcare team.