



TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER.
EL PASO

Paul L. Foster School of Medicine

Pediatric Environmental Health Grand Rounds

Thursday, Dec. 14, 2023

11 a.m. – Noon MT

Presented on Webex:

To register for this training session, go to:

<https://ttuhscep.webex.com/webappng/sites/ttuhscep/webinar/webinarSeries/register/d2115607ea1b4872af305da86d223269>



Community Exposures to Ethylene Oxide (EtO): Is Danger in the Air?

Presented by:

Stephen W. Borron, M.D., M.S.

Clinical Professor

Department of Emergency Medicine

Texas Tech University Health Sciences Center El Paso
El Paso, Texas



Dr. Stephen Borron is a native of Imperial, in rural West Texas. He attended Texas A&M University obtaining a bachelor's degree in zoology. He completed medical school at the University of Texas Medical Branch in Galveston, Texas, receiving his M.D. degree. He subsequently matriculated to the University of Cincinnati where he completed a four-year residency in emergency medicine, a two-year clinical research fellowship in occupational and environmental medicine and a clinical preceptorship in medical toxicology. He moved to Cleveland in 1988, teaching at University Hospitals of Cleveland and later MetroHealth Hospital under the aegis of the Case Western Reserve University. He accepted a position as a visiting researcher at the Université de Paris XII Bobigny, obtaining further experience in medical toxicology and emergency medicine. He returned to the U.S. in 2005 and taught at the University of Texas Health Science Center at San Antonio. He accepted a position at the Department of Emergency Medicine and Division of Medical Toxicology at Texas Tech University Health Sciences Center El Paso in 2009, obtaining the post of full professor with tenure. He retired from his full-time post in 2020 and remains a clinical professor of medical toxicology and emergency medicine.

Objectives: Upon completion of this session, participants should be able to:

- Identify three industrial community sources of ethylene oxide exposure.
- Describe factors that may place children at increased risk of toxicity from ethylene oxide.
- Describe ongoing activities of the U.S. EPA to better control community environmental exposures to ethylene oxide.
- Cite three chronic health conditions related to ethylene oxide.

Learning Outcome for Continuing Nursing Credit: 70% of learners must score 80% or greater on the post-test(s) to demonstrate knowledge competency in environmental factors that impact children's health.

Accreditation: The Texas Tech University Health Sciences Center El Paso Paul L. Foster School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation: The Texas Tech University Health Sciences Center El Paso Paul L. Foster School of Medicine designates this live activity for a maximum of 1 *AMA PRA Category 1 Credit*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Approval Statement: Texas Tech University Health Sciences Center El Paso is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

1 contact hour. Learner must sign in and complete an evaluation.

Criteria for awarding ANCC nursing credit: A completed evaluation of the educational activity is required to receive NCPD credit. We will capture identifiable information (name, credentials, and email address) as part of the evaluation survey. Upon return of the completed survey, we will send the certificate of completion to the participant at the email provided.

It is the policy and practice of the Texas Tech University Health Sciences Center El Paso Paul L. Foster School of Medicine Office of Continuing Medical Education (CME) to resolve all potential conflicts of interest prior to the activity.

Stephen W. Borron, M.D., M.S., and the planners for this educational activity have no relevant financial relationships to disclose with ineligible companies, whose primary business is producing, marketing, selling, reselling, or distributing health care products used by or on patients.

- ❖ *The Office of CME reserves the right to cancel this activity in the event of unforeseen or extenuating circumstances.*
- ❖ *Persons with disabilities who need auxiliary aids or services may call the Office of CME at 915-215-4880 to arrange accommodations.*