



Children's Environmental Health on the Border: Protecting Children Where They Live, Learn, and Play

September 24-25, 2015

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

Background

The U.S. Environmental Protection Agency continues to work with its partners to address binational environmental challenges and disproportionate health impacts that burden Border communities, especially as they impact children. Health impacts include mismanagement of pesticides, poor indoor and outdoor air quality, misuse of chemicals and other waste, poor water quality, and binational chemical emergencies. Informing healthcare professionals, public health practitioners, promotoras, and others in the community about the crucial links between the environment and health is an essential step towards improving health outcomes in communities along the Border.

This fall, several groups have come together to address the link between health and the environment, especially where children live, learn, and play. Contributors to this effort include the Southwest Center for Pediatric Environmental Health at Texas Tech, US/Mexico Border Health Commission, the US/Mexico Border 2020 Program, the U.S. Environmental Protection Agency's US/Mexico Border and Children's Environmental Health Programs, and the Border Environmental Cooperation Commission.

Symposium as Part of a Larger Border CEH Initiative

The two main purposes of the symposium are: 1) to increase knowledge of how early childhood exposures can affect children's health; and 2) to facilitate networking among the healthcare community, promotoras, and the public. Two symposia are being planned. The first Symposium will be held in El Paso, Texas in September, and a second one will be held in San Diego, California on January 27-28, 2016. In addition, the Border Health Commission will train promotoras in several communities along the border, and they will be featured during the symposium in El Paso. Housing officials, promotoras, and others will also be trained in the *Essentials of Healthy Homes* training in Hidalgo and Cameron Counties in Texas to further support healthy environments for children.

Audience

Healthcare professionals (i.e., physicians, nurses, mid-level practitioners, and respiratory therapists), public health practitioners, promotoras, and the public are encouraged to attend.

Continuing Education Credits

Medical and nursing school education programs provide little curriculum time dedicated to environmental health. This symposium will provide education regarding some of the major concerns and environmental health impacts upon children.

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Texas Tech University Health Sciences Center El Paso, Paul L. Foster School of Medicine, US-MX Border 2020 Program, West Texas Regional Poison Center, University Medical Center of El Paso and Border Environment Cooperation Commission. Funding provided by the U.S. Environmental Protection Agency.

Texas Tech University Health Sciences Center El Paso, Paul L. Foster School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Texas Tech University Health Sciences Center El Paso, Paul L. Foster School of Medicine designates this live activity for a maximum of 11.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

University Medical Center of El Paso is an approved provider of continuing nursing education by the Texas Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

This course has been approved for up to 11.75 continuing nursing education contact hours.

Sponsored by Texas Tech University Health Sciences Center El Paso – Southwest Center for Pediatric Environmental Health, a designated provider of continuing education contact hours (CECH) in health education by the National Commission for Health Education Credentialing, Inc. This program is designated for Certified Health Education Specialists (CHES) and/or Master Certified Health Education Specialists (MCHES) to receive up to 11 total Category 1 continuing education contact hours. Maximum advanced-level CECH hours available are 2.

Symposium Format and Agenda Topics:

Day 1

The morning will feature two plenary sessions--climate change impacts on children's health, and prenatal exposures. The afternoon will focus on *childhood breathing--healthy lungs and good indoor air quality*. Sessions will include presentations and panel discussions on e-cigarettes, hydraulic fracturing concerns, carbon monoxide, asthma, and lead. There will also be a special session from promotoras working the border area who were recently trained as part of the 2015 Border Health Initiative.

Day 2

The morning will feature three plenary sessions that examine the environments *where children learn and grow* and how environmental disruptions such as toxic substances and homelessness can impact children. There will also be sessions on the top children's environmental health concerns and an open forum to ask specific questions about environmental health impacts. The afternoon sessions will build upon this theme and look at specific illnesses and social and environmental situations that can impact children's health.

PLEASE NOTE: The two concurrent tracks will focus on **medical** and **public health** issues. Asterisks [***] after a session title indicates a public health track.

Day 1 Thursday, September 24, 2015		
8:00 - 9:00	Registration	
9:00 - 9:30	Opening Remarks Samuel Coleman, P.E., Deputy Regional Administrator, U.S. EPA, Region 6 Ron Curry, Regional Administrator, U.S. EPA, Region 6 Jane Nishida, JD Director, U.S. EPA, Office of International and Tribal Affairs J.M. de la Rosa, MD, FAAP, U.S.-MX Border Health Commission Member - Texas	AEC Auditorium
9:30 - 10:30	Plenary Session 1 Climate Change Impacts on Children's Health, Ruth Etzel, MD, PhD	AEC Auditorium
10:30 - 10:45	Break	
10:45 - 11:30	Plenary Session 2 Environmental Contaminants and Reproductive Health: What Should We Tell Our Patients? Marya Zlatnik, MD, FACOG	AEC Auditorium
11:30 - 1:00	Lunch and Video: <i>The Last Ride</i> , Larry Lowry, PhD	AEC Auditorium
1:00 - 1:45	Concurrent Session 1 Track A - E-Cigarettes Toxicity: The Risk to Children, Susan Smolinske, PharmD, DABAT Track B - *** Carbon Monoxide: Odorless, Colorless, Borderless, Carl Baum, MD, FAAP, FACMT	MEB 1100 MEB 1200
2:00 - 2:45	Concurrent Session 2 Track A - Health Impacts of Unconventional Petroleum Exploration on Children Stephen Borron, MD, MS, FAACT, FACMT Track B - *** E-Cigarettes: Talking Tech with the New Generation, Stormy Monks, MPH, PhD, CHES and Scott Crawford, MD	MEB 1100 MEB 1200
3:00 - 3:45	Concurrent Session 3 Track A - Lead poisoning, Jennifer Lowry, MD, FAAP, FACMT Track B - *** Asthma and Lead Home Interventions, Marcus Hanfling, MD, FAAP	MEB 1100 MEB 1200
4:00 - 5:00	Concurrent Session 4 Track A - Lead and Asthma Panel Discussion, Karin Hopkins, MPH, Cristina M. Baker, MPH, Jennifer Karnik, MPH, facilitated by Marc Hanfling, MD, FAAP Track B - *** Promotoras on Asthma and other CEH issues Panel Discussion, Leah Whigham, PhD, FTOS, Celina Alvarado Gamiño and Emilio Saenz, B.S. facilitated by Patricia M. Juárez-Carrillo, MPH, PHD	MEB 1100 MEB 1200

Day 2 Friday, September 25, 2015

8:00 – 8:30	Registration	
8:30 – 9:00	Opening Remarks Susan Forster-Cox, Ph.D., U.S.-Mexico Border Health Commission Member - New Mexico José L. Velasco, Executive Director, U.S.-Mexico Border Health Commission – U.S. Section Bradley P. Fuhrman, MD – Dept. Chair of TTUHSC Dept. of Pediatrics, Physician-in- chief El Paso Children’s Hospital	AEC Auditorium
9:00 – 9:45	Plenary Session 3 Mercury Exposure in the School Environment, Kurt Kleinschmidt, MD, FACEP, FACMT	AEC Auditorium
9:45 - 10:45	Plenary Session 4 Childhood Homelessness and Insecurity and Their Effects on Health Dr. Gilbert Handal, MD, FAAP	AEC Auditorium
10:45 - 11:00	Break	
11:00 – 12:00	Plenary Session 5 Pediatric Environmental Health Specialty Units, Panel on Top Ten Environmental Health Concerns Facilitated by Stephen Borrón, MD, MS, FAACT, FACMT – Marcus Hanfling, MD, FAAP, Jennifer Lowry, MD, FAAP, Larry Lowry, PhD, Mark Miller, MD, MPH	AEC Auditorium
12:00 - 1:00	Lunch	AEC Auditorium
12:15 – 1:00	Open Forum -- “Promotoras working in the Community” with Ruth Etzel, MD, PhD Panelists: Sue Forster-Cox, PhD, MPH, MCHES, Angie Sanchez Corral, Olivia Figueroa	AEC Auditorium
1:00 – 1:45.	Concurrent Session 5 Track A - Social and Environmental Factors in Pediatric Obesity, Jesus Peinado, MD, FAAP Track B – Childhood Leukemia and the Environment, Mark Miller, MD, MPH Track C – *** Changing Community Culture to Decrease Diabetes, Joseph McCormick, MD	MEB 1120 MEB 1140 MEB 1150
2:00 – 2:45	Concurrent Session 6 Track A – Outdoor Air Pollution, Carla Campbell, MD, MS Track B – Valley Fever, Paul Dulin, MA Track C – *** Mosquito Borne Illness, Beatriz Tapia, MD, MPH	MEB 1120 MEB 1140 MEB 1150
3:00 – 4:00	Concurrent Session 7 Track A - Drinking Water-Borne Illness in Children, Kristina Mena, MSPH, PhD and William Hargrove, MS, PhD Track B – Pesticide Exposure, Janett Santos, MD Track C – *** Designing Multi-cultural Health Posters for Children and their Parents, Margaret Short, DMin, MA, MDiv, PDiv, BCC and Dr. Cynthia Kratzke, PhD, CHES	MEB 1120 MEB 1140 MEB 1150