

Southwest Center for Pediatric Environmental Health

TOLL-FREE: 888-901-5665

■ PEHSU Core Faculty
■ Regional Medical Consultants
■ Consulting Toxicologists

www.swcpeh.org

TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER.
at El Paso

What is a PEHSU and what is it worth?

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This module developed by the PEHSU of Federal Region 6

- The findings and conclusions in this presentation have not been formally disseminated by the Agency for Toxic Substances and Disease Registry and should not be construed to represent an agency determination or policy.

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Objectives

- Describe the roles of Pediatric Environmental Health Specialty Units (PEHSUs)
- Introduce the new Southwest Center for Pediatric Environmental Health headquartered at Texas Tech University Health Sciences Center El Paso
- Announce some important upcoming PEHSU events



How do you say that???

What is a PEHSU?

Well, it's not a PESO...

- You can't use it to buy una paleta
- But the PEHSU has a great deal more worth
- Like a PESO, the PEHSU can shine
- And kids love them both



Photo credit: www.cointalk.com

...nor is it PEA SOUP



- PEA SOUP is filling, but the PEHSU can satisfy hunger for information
- The PEHSU has greater consistency
- The PEHSU is worth much more to parents – and the services are free!

Photo credit: www.thecherryshare.com

If it's not a PESO and not PEA SOUP... what is a PEHSU? What does it do?

- The PEHSU is composed of experts in children's environmental health.
- The mission of the PEHSU is to improve the environmental health of children by:
 - Enhancing educational and consultative services to clinicians, health professionals, and the community.
 - Providing evidence-based information from a network of experts in environmental health
- The PEHSU's three-pronged approach consists of:
 - **Education** of health professionals and communities
 - **Consultation** to health professionals and communities
 - **Referral** to appropriate facilities for evaluation and treatment.

The PEHSU Vision

- The PEHSU network is the globally recognized GO TO resource for Pediatric Environmental Health expertise for clinicians, health professionals and communities

What does a PEHSU do?

What problems do PEHSUs address?

- Lead
- Mercury
- Noise
- Carbon monoxide
- Asthma
- Pesticides
- ATV hazards
- Many others...

Why are the PEHSUs needed?

- Most healthcare professionals do not receive training to prevent, recognize, manage and treat environmentally-related conditions
- Even when they recognize a problem as being of environmental origin, they're often not sure what to do next...

Why are children more vulnerable?

- Their bodily systems are still developing
- They eat more, drink more, and breathe more air in proportion to their body size than adults
- Their bodies are less able to breakdown pollutants and excrete them
- Their behavior can expose them more to chemicals and organisms

Where does the PEHSU get its PESOS?

- The US Environmental Protection Agency (EPA) provides funding to the Agency for Toxic Substances and Disease Registry (ATSDR) under an inter-agency agreement.
- ATSDR contracts with the American Academy of Pediatrics (AAP: PEHSU-East) and the American College of Medical Toxicology (ACMT: PEHSU-West) for further distribution to PEHSU units.
- There are 10 pediatric environmental health specialty units located throughout the US.
- Our Region 6 PEHSU serves the states of Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

**What is the Southwest Center for
Pediatric Environmental Health?**

What is the Southwest Center for Pediatric Environmental Health (SWCPEH)?

- SWCPEH is the PEHSU for USEPA Region 6
- Originally based in Tyler, TX at UTHSCT
- Transferred to El Paso in February 2015
- Operates under the Division of Medical Toxicology, Department of Emergency Medicine, Paul L. Foster School of Medicine, TTUHSCEP
- Located within the offices of its strategic partner, the West Texas Regional Poison Center

Who staffs the SWCPEH?

CORE FACULTY TTUHSC EL PASO



Stephen W. Borron, MD, MS
Regional Director
EM-OM-MT

Peter Chase, MD
MT Core Consultant
EM-MT-PEDS

Jesus Peinado, MD
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PEDS

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Call Center Director
ABAT

Scott Crawford, MD
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EM

Angelica Sifuentes, MEd
Medical Secretary
Division of Toxicology

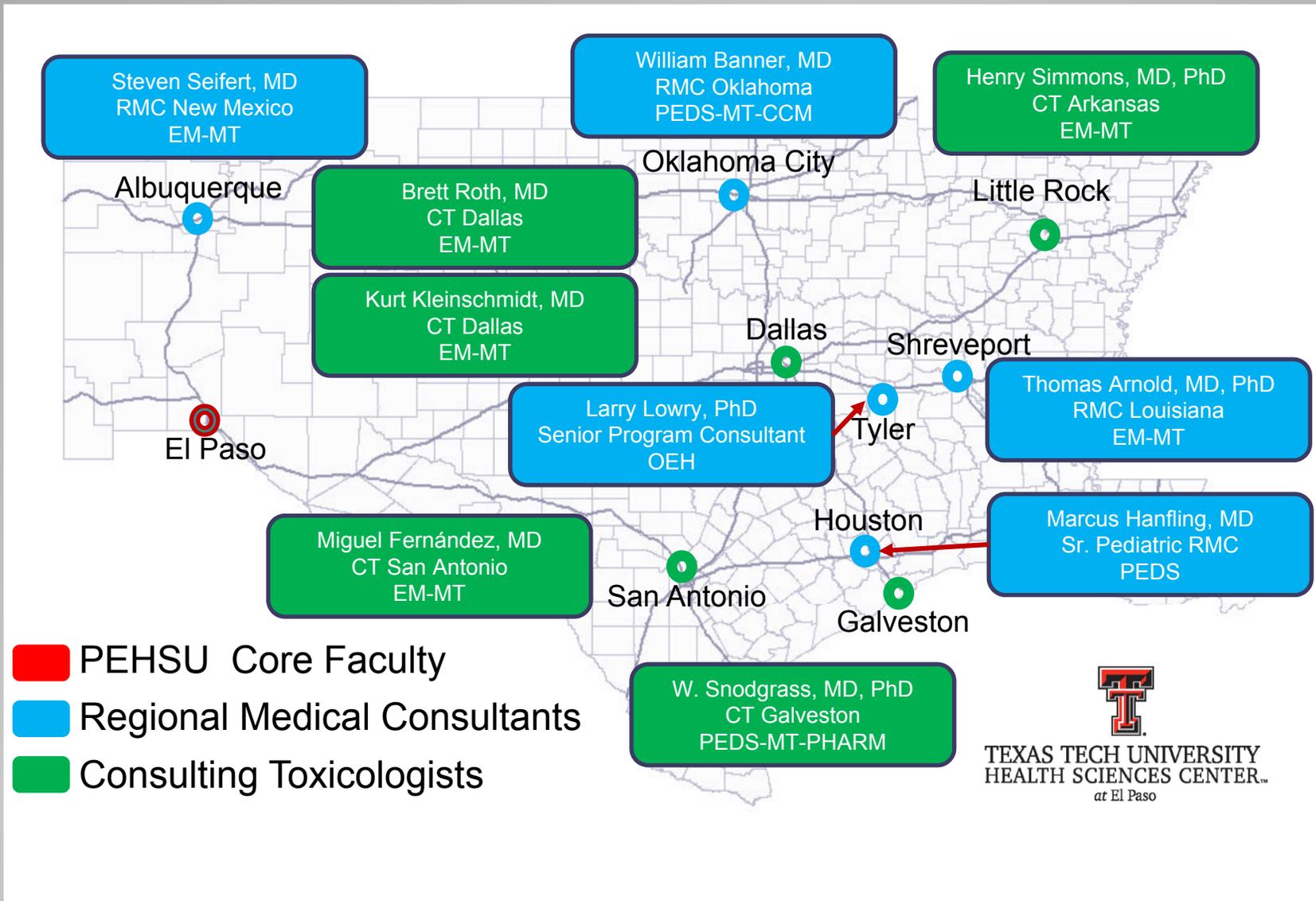
Stormy Monks, PhD, MPH
Public Health Specialist
CHES

Emilio Saenz, BS
Public Educator
Call Center



50mi
50km

Who staffs the SWCPEH?



Our strategic partners – WTRPC



POISON
Help
1-800-222-1222

Southwest Center for Pediatric Environmental Health

<http://www.swcpeh.org>
888-901-5665

Vea Sitio en Español

- About Us
- Services
- Prevention Tips
- Poisonings
- News and Events
- Helpful Links
- Contact Us

YOU CAN HELP!

The West Texas Regional Poison Center has helped save the community over \$63 million in



The Call is
Free
Peace of Mind is
Priceless

West Texas Regional Poison Center

A POISON is anything that can make you sick or hurt you if you eat, drink, touch, or smell it. Poisons are not just pesticides and arsenic or other heavy metals with the skull and cross-bones on their containers. They are more often regular everyday products that are used in the wrong way or in the wrong amounts. Poisons can be solids like tablets, plants, and cosmetics, or they can be liquids like children's medications, household cleaners and gasoline, or they can be gases like carbon monoxide and hydrogen sulfide.

Located directly on the US/Mexico border in El Paso, Texas, the West Texas Regional Poison Center (WTRPC) serves the 36 counties of West Texas in both English and Spanish



Our strategic partners – The Baby Café



The **El Paso Baby Café®** (PDF, 922 KB) serves the needs of women who are breastfeeding or are interested in doing so. It is a drop-in center, open twice or three times a week, free to all who attend with no appointment needed. Mothers support other mothers, and a lactation professional is always available if necessary. The idea is predicated on evidence that children who

were breastfed as babies have a significantly lower risk of becoming obese later in life. Please see our article and photos in the **El Paso Times** (PDF, 46 KB).

El Paso, Texas, is a city of half-a-million residents which borders Mexico. El Paso has a young population: it is 85 percent Hispanic, with many first-generation immigrants.

The main partners of the El Paso Baby Café® are: Texas Tech University HSC-El Paso; Thomason Hospital; Texas Department of State Health Services-Nutrition, Physical Activity, and Obesity Prevention Program; El Paso City-County Health, WIC; El Paso First HealthPlans Inc.; Superior HealthPlan; SWABA (Southwest Area Breastfeeding Advocates); Medela, Inc.; Ameda, Inc.; The Paso del Norte Health Foundation-Begin at Birth Initiative; ESC Region 19 Early Head Start; AVANCE; March of Dimes; Laura W. Bush Institute for Women's Health; and Univision Channel 26.



4801 Alberta Avenue, Basement Level, M-W 10a-12n, Th 4p-6p, 915-215-6455

What we can do for you now

- Provide general or specific presentations to community or professional audiences
- Answer questions about pediatric environmental health issues
 - **888-901-5665** – 24/7 response
- Provide referrals or assist your health care professional to manage an environmental health issue

What we hope to do in the future

- Expand the education of health care professionals in children's environmental health
 - Medical and nursing students
 - Residents and fellows
 - Nurse practitioners and physician assistants
- Establish an Occupational and Environmental Health Clinic providing
 - Evaluation of acute and chronic exposures
 - Serving children and adults, including women of childbearing age with exposure-related issues

In our near future...

- Children's Environmental Health Symposium
 - September 24-25, 2015
 - Texas Tech Health Sciences Center El Paso
 - Sponsored by US EPA Region 6
 - Two days of environmental health education for:
 - Health care professionals
 - Promotoras, health educators, public health authorities and workers
- Send an e-mail to Angelica.Sifuentes@ttuhsc.edu to be placed on the mailing list.

And even nearer yet...



PEHSU Pediatric Environmental Health Specialty Units
A network of experts in children's environmental health

Home > Public Health > PEHSU Webinars > PEHSU Grand Rounds

PEHSU Grand Rounds Webinar Series

This in-depth and interactive series provides a platform for learning and discussion about issues that focus on current and emerging aspects of pediatric and reproductive environmental health. The grand rounds speaker will be a PEHSU staff member, consultant or external expert who will share their knowledge and experience and highlight areas for collaboration and mutual understanding.

http://www.acmt.net/PEHSU_Grand_Rounds.html

Scheduled May 27, 2015 at 1:00 pm EDT

Electronic Cigarettes: Miracle or Menace

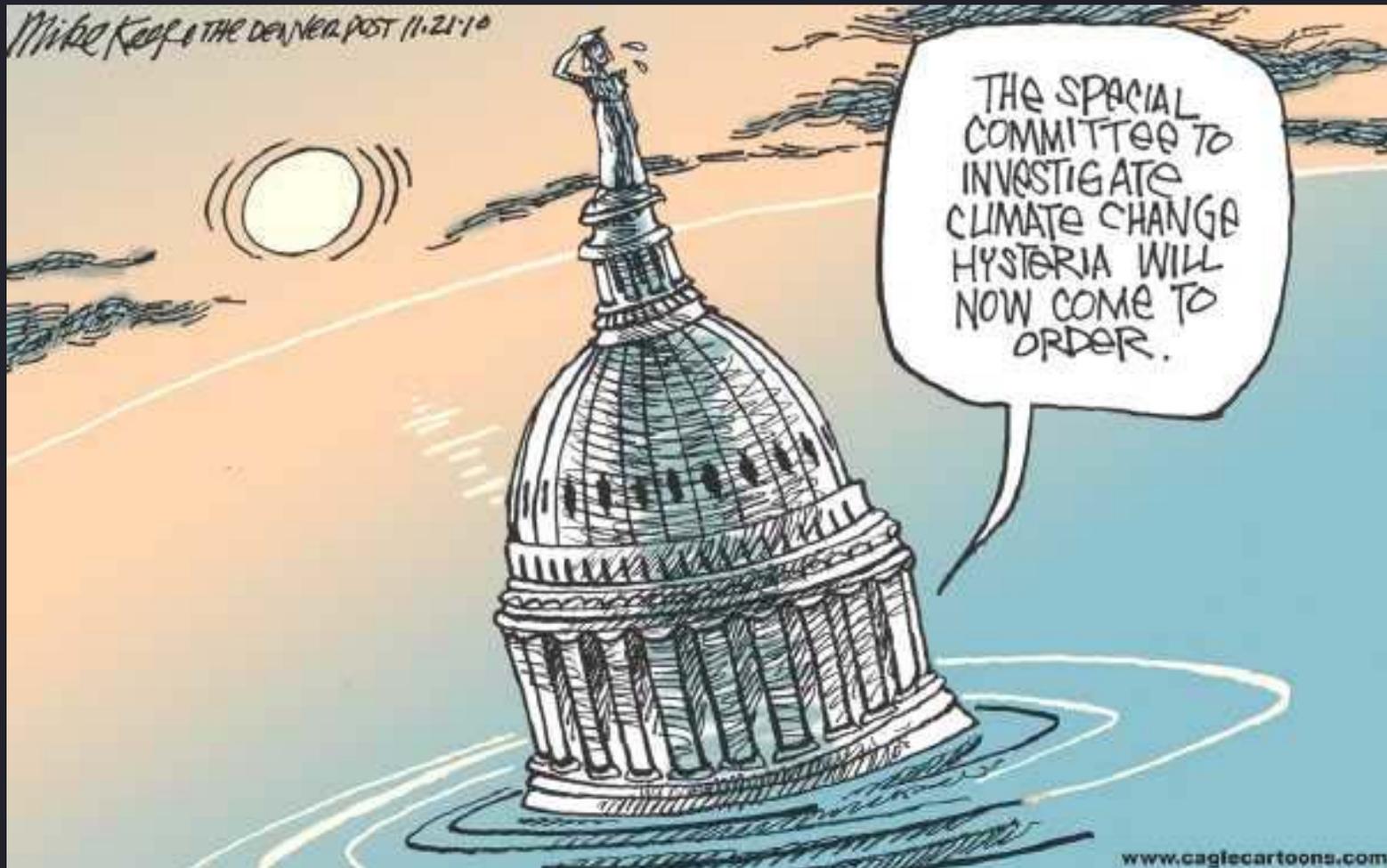
Jennifer Lowry, MD, FACMT

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Children's Mercy Kansas City

Questions?



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