

Bridging the Silos: Wildfire Risk Communication

Marissa Hauptman, MD, MPH, FAAP

Attending Pediatrician

Region 1 New England Pediatric Environmental Health

<u>Specialty</u> <u>Unit</u> (PEHSU)

Boston Children's Hospital

Harvard Medical School

Marissa.Hauptman@childrens.harvard.edu





Acknowledgements & Disclaimers

- Support for this presentation was made possible (in part) by the cooperative agreement award number 1U61TS000237-02 from the Agency for Toxic Substances and Disease Registry (ATSDR) and the National Institute of Environmental Health Sciences, National Institutes of Health grant number P30ES000002.
- Acknowledgement: The U.S. Environmental Protection Agency (EPA) supports the PEHSU by providing partial funding to ATSDR under Inter-Agency Agreement number DW-75-92301301.
- Neither EPA nor ATSDR endorse the purchase of any commercial products or services mentioned in PEHSU publications.

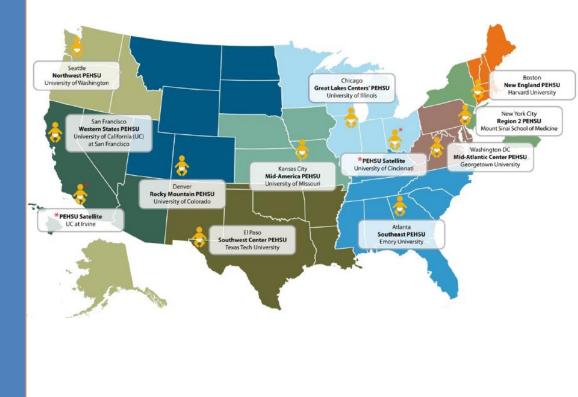






Improve the environmental health of children and women of reproductive age by:

- Enhancing educational and consultative services to clinicians, health professionals and the community.
- Establishing network of experts



www.pehsu.net





PEHSU Impacts

Support need for <i>specific</i> clinical information on environmental toxins	Facilitate <i>early</i> response to public health issues		Engage in public educational outreach activities	Participate in clinical assessments and referrals as needed
Partner with local, regional national health depts. & governmental agencies		Give <i>advice</i> to residents and community leaders		Provide health care provider <i>education</i> and training opportunities

Woolf AD et al: PEHSU: An Analysis of Operations Academic Pediatrics 2015





Taking the Public Health Evidence and Initiatives to the Patient and Health Professional Level and Back Again

Wildfire Smoke A Guide for Public Health Officials Revised May 2016



U.S. Environmental Protection Agency * U.S. Forest Service * U.S. Centers for Disease Control and Prevention * California Air Resources Board







PEHSU Information on Health Risks of Wildfires for Children Guidance for Parents and Community Members – Acute phase

The Pediatric Environmental Health Specialty Units (PEHSU) Network encourage families, pediatricians, and communities to work together to ensure that children are protected from exposure to environmental hazards.



PEHSU Information on Health Risks of Wildfires for Children – Aftermath Guidance for Parents and Community Members







Wildfire Risk Communication Strategies

- Establish Multiagency Multidisciplinary Partners to develop Message Maps
 What is the What does What can I
 - 3 Key Messages
 - Specify Target Audience

What is the	What does	What can I
Issue	this mean	do to
	for my	protect the
	child's	health of
	health?	my child?

- Involve trusted Community Stakeholders early in process
 - Creation of Community Advisory Board
- Be Transparent: Addressing the uncertainties in science
- Avoid biomonitoring if don't have meaningful and actionable pediatric and adult reference levels







Thank You!

• For More Information:

www.PEHSU.net

Acknowledgements:



New England Pediatric Environmental Health Specialty Unit

Serving Massachusetts, Connecticut, Maine, New Hampshire, Rhode Island and Vermont

- EPA Office of Child Health Protection for their support of my participation in this workshop.
- Questions: Marissa.Hauptman@childrens.harvard.edu



