

Martha Kelly

Testimony before the Children's Committee

In Favor of

[H.B. No. 6526](#) (RAISED) AN ACT CONCERNING TOXICS DISCLOSURE AND INNOVATION FOR HEALTHY CHILDREN. (KID)

I am Martha Kelly, of 57 Curtiss St, Hartford, CT 06106. I work for the Connecticut Coalition for Environmental Justice. I am also a grandmother. Thank you for this opportunity to make comments on HB 6526.

I thank the Children's Committee for raising this bill. We are all exposed to thousands of chemicals in our air, water, food, and everyday products around us. Most of these have not been adequately studied for their impact on human health, individually, let alone in combination, as we experience them in our lives.

The timing of exposures is often critical to their impact on us. Children and babies, and those not yet born, are the most vulnerable to environmental exposures, when their organs are in rapid development. Prenatal exposure may lead to disease decades later.

Our federal system of regulation, the Toxic Substances Control Act, seems to be stalled in the 1970's, the past century.

As a state and a nation we are staggering under the weight of paying for the diagnosis and treatment of illness. Yet we put very few resources into the prevention of illness.

We are concerned about the need to revitalize our economy, yet we have failed to modernize our regulatory system to ensure that our manufacturers will create products that satisfy the more protective standards in effect in under REACH in Europe.

This legislation will take a big step toward protecting our children and our future by empowering our own experts with toxicological training at the Department of Public Health to make use of h evidence developed in the European Union, Maine, Washington, California, and Minnesota on chemicals of concern. Connecticut has tools available to minimize the impact on the DPH like membership in the Interstate Chemicals Clearinghouse.

Connecticut would not be starting from scratch in this endeavor. Manufacturers are already reporting on their use of toxic chemicals to other governments, such as the EU and state like Maine and Washington. Connecticut can benefit from making use of these pooled resources.

The lessons of lead, DDT, and PCB exposure illustrate the need for society-wide interventions. Please act favorably on this bill and move Connecticut along toward setting policies that will protect our most vulnerable and precious population, our children.

Thank you,

Martha Kelly

References

Neurotoxins and Health:

"Neurotoxic Chemicals in the Environment"

Worcester Polytechnic Institute

http://www.wpi.edu/Pubs/E-project/Available/E-project-042808-121944/unrestricted/Neurotoxic_Chemicals_in_the_Environment.pdf

Toxins and Cancer

Childhood at Risk: Chemicals Children and Cancer – Tracey Woodruff, PhD, MPH

A YouTube video 57minutes

Series: UCSF Mini Medical School for the Public [1/2009] [Health and Medicine] [Show ID: 15571] http://www.youtube.com/watch?v=19V1t-zRxsU&list=PLY4y1WgEslrV7Poqo2du8rwsfCZ2zX_IG&index=5

President's Cancer Panel 2010

<http://deainfo.nci.nih.gov/advisory/pcp/annualReports/index.htm>

Endocrine Disruptors

Generations at Risk – Tracey Woodruff, PhD, MPH

YouTube Video 29:45 December 8, 2011 Series: "Breast Cancer Prevention and Treatment" [12/2011] [Health and Medicine] [Show ID: 23067]

http://www.youtube.com/watch?v=1lXWG-kvej8&list=PLY4y1WgEslrV7Poqo2du8rwsfCZ2zX_IG

How Environmental Toxins May Affect Your Patients

Linda C. Giudice, MD, PhD, MSc

Source: ACOG Today, February 2013

Published by the The American Congress of Obstetricians and Gynecologists

http://www.coe.ucsf.edu/coe/spotlight/env_toxins-giudice.html

State of the Science of Endocrine Disrupting Chemicals 2012

Summary for Decision Makers

Edited by Ake Bergman, Jerrold Heindel, Susan Jobling, Karen A. Kidd, R. Thomas Zoeller

World Health Organization and United Nations Environment Programme

http://www.coe.ucsf.edu/coe/spotlight/env_hlth+wm/EDCs_Summary_for_DMs%20Jan24.pdf

Endocrine-Disrupting Chemicals: An Endocrine Society Scientific Statement

[Evanthia Diamanti-Kandarakis](#), [Jean-Pierre Bourguignon](#), [Linda C. Giudice](#), [Russ Hauser](#), [Gail S. Prins](#), [Ana M. Soto](#), [R. Thomas Zoeller](#), and [Andrea C. Gore](#)

Endocr Rev. 2009 June; 30(4): 293–342.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2726844/>

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Environ Health Perspect 2005;113(8):926-33.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1280330/>

Welshons WV, Nagel SC, vom Saal FS. **Large effects from small exposures. III. Endocrine mechanisms mediating effects of bisphenol A at levels of human exposure.** Endocrinology 2006;147(6 Suppl):S56-69.

<http://www.ncbi.nlm.nih.gov/pubmed/16690810>

Exposures During Pregnancy:

UCSF Program on Reproductive Health and the Environment

Uploaded on Jan 12, 2011 to YouTube

Tracey Woodruff, PhD, Director of the UCSF Program on Reproductive Health and the Environment, speaks about the results of a study on chemicals in pregnant women published in "Environmental Health Perspectives."

http://www.youtube.com/watch?v=sFb81tHP_Tk&list=PLY4v1WgEslrV7Poqo2du8rwsfCZ2zX_IG