Restoring our future: How to get ahead of EDCs

Pete Myers, Ph.D.,
Environmental Health Sciences and Carnegie Mellon University
Dark and stormy night in EDC land

Exposure to EDCs is ubiquitous

There are 100s if not thousands of EDCs

Tiny amounts can cause big adverse effects

Effects can be transgenerational

Replacements can be as bad or worse than the original

Some of their effects heighten Covid-19 mortality risk
Work on four fronts

Change individual/family behavior

Stop societal “stupids”

Bring 21st century science to regulatory toxicology

Design inherently safer materials
Change individual/family behavior

3 crucial changes we can make

Stop believing that if it’s on a store shelf it’s safe

Avoid thermal paper

Find out what disinfectants are being used
Change individual/family behavior

Web resources

CHE’s own BecauseHealth.org

EWG.org

SilentSpring.org
Change individual/family behavior

Existing books

*Sicker, Fatter, Poorer* Leo Trasande

*Green Enough* Leah Segedie

*The Obesogen Effect* Bruce Blumberg

*Our Stolen Future* Colborn, Dumanoski and Myers
Change individual/family behavior

Forthcoming books

*Non-toxic*  Aly Cohen and Fred vom Saal

*Count Down*  Shanna Swan with Stacey Colino
Stop societal "stupids"

Don’t force companies to maximize shareholder value

Test chemical safety with lab animals, not babies

Don’t put toxic sewage sludge on agricultural fields

Stop releasing contaminated wastewater back into surface water
Bring 21st century science to regulatory toxicology

Don’t assume high dose testing reveals all adverse effects

Don’t test chemicals only one at a time

Regulate chemicals by groups
Design inherently safer materials

Help chemists make money by designing safer materials

Use 21st century science to guide synthesis

As new science emerges, incorporate into the design process