



Cece Doucette, Technology Safety Educator

Zoom Event, May 2020



- Overview: links
 - > Introduction
 - > The Fine Print
 - Science Update
 - > Solutions
 - Next Steps
 - ► Q&A



Cece Doucette, MTPW

- ► Former president, Ashland Education Foundation, MA
 - Brought in wireless technology
 - Discovered biological effects
 - > First in the nation to post Best Practices for Mobile Devices

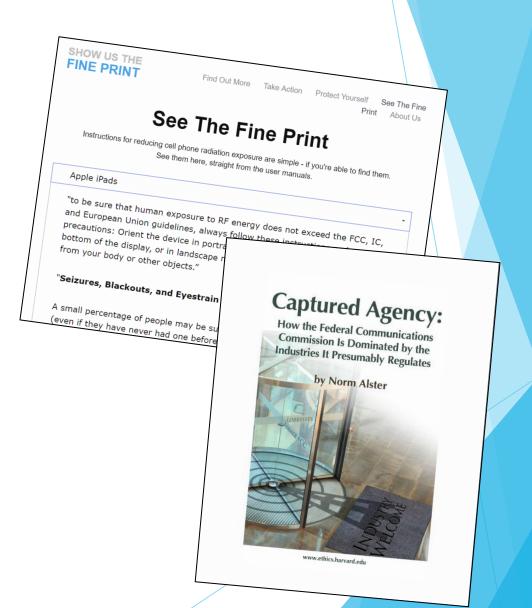
Best Practices for Mobile Devices

- Turn off the device when not in use.
- Turn wifi on only when needed.
- Always place the mobile device on a
- Viewing distance should be a minimum of 12
- Specific product information guides are available by request through the IT



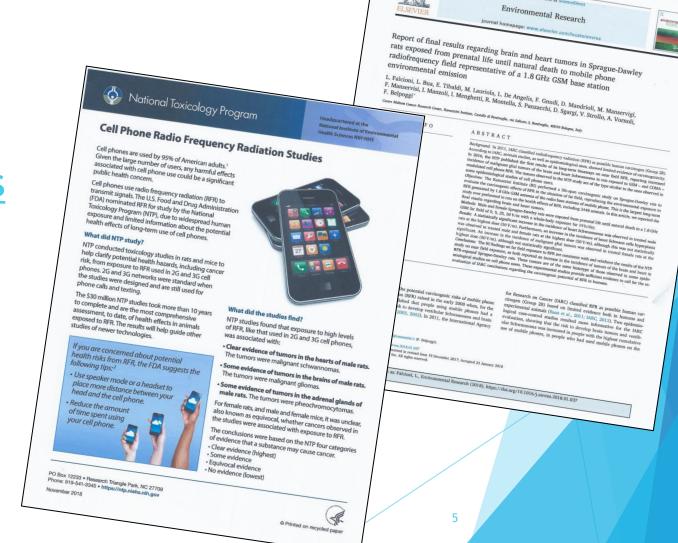
The Legal Fine Print

- ► See the Fine Print
 - Settings
 - **▶**General
 - ► (About)
 - ► Legal & Regulatory
 - ► RF Exposure
- ► <u>Captured Agency</u>



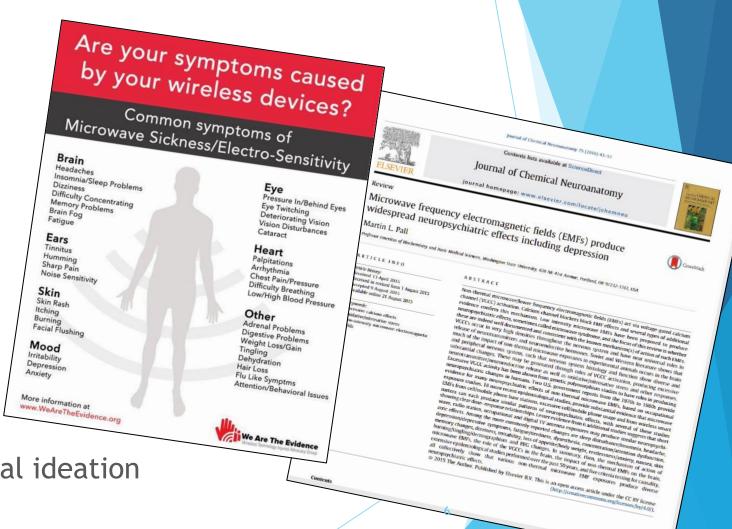
Science: Long-term Effects

- > Infertility
- > DNA Damage
- > Child & Adult Cancers
- Neurotoxicity
 - > ADD/ADHD
 - > Autism
 - > Alzheimer's



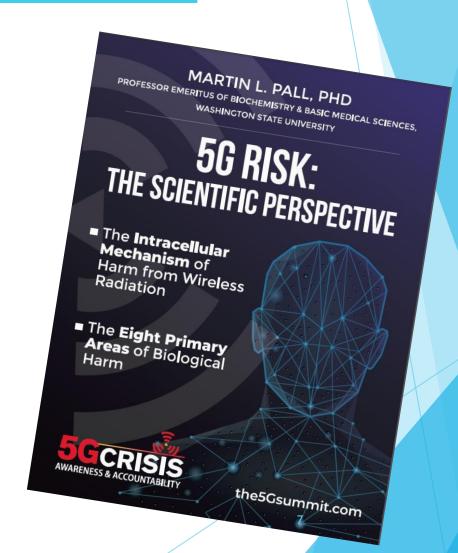
Science: Short-term Effects

- ► <u>Electrical Sensitivities</u>
 - > Insomnia
 - > Headaches
 - Nosebleeds/earbleeds
 - Fatigue
 - > Pain
 - Skin abnormalities
 - Irregular heartbeats
 - Cognitive impairment
 - > Anger, behavior issues
 - > Anxiety, depression, suicidal ideation



Science: Mechanisms of Harm

- Rouloux Effect
- Melatonin Suppression
 - Sleep
 - > Toxins removal
- Voltage-Gated Calcium Channels
 - Peroxynitrite
- ▶ Blood-Brain-Barrier
- Cell Growth Acceleration
- Immune System Compromise



Science: Planetary Impact

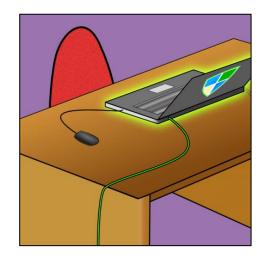
- Pollinators
- Birds
- Energy consumption
 - Mineral extraction
 - Data warehouses
 - Networks
 - Personal devices
 - Streaming
 - > Send/receive
 - Charging
 - Continuous app updates

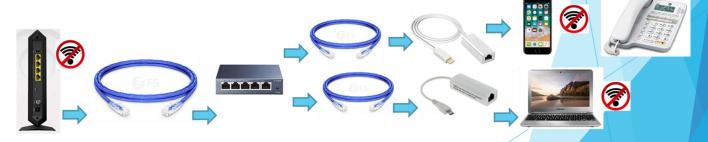


- All devices off
- Airplane mode
 - ► Cellular Off
 - ► Data Off
 - ► Wi-Fi Off
 - ► Bluetooth Off
 - ► Hotspot Off
- Second-hand radiation: people & pets



- Safe technology is easier than we think: hard-wire
 - Router
 - Shielded Ethernet cables
 - ► Ethernet switch
 - ► <u>Adapters</u>







Router

Shielded Ethernet Cable: Long @ \$30

Ethernet Switch @ \$20 Shielded Ethernet Cables: Short @ \$4-10

Cell Phone & Tablet Adapters @ \$30

- ► Turn off antennas in device Settings
- ► Measure
 - ► Borrow Acoustimeter
- Professional Help:
 Building Biologists

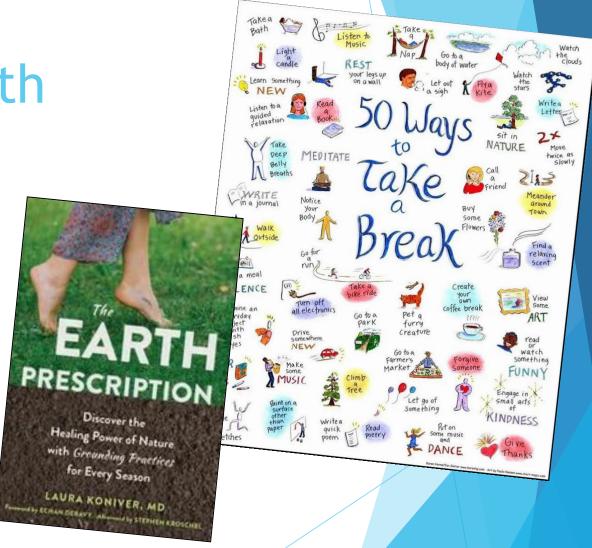






Safe Tech Solutions: Physical & Mental Health

- Avoid excessive screen time
 - Set limits for yourself and children
 - Model good behavior
- ► 50 Ways to Take a Break
- ► The Earth Prescription



Safe Tech Solutions: Your Health Care Team

- ► <u>EMF Conference videos</u> for health care providers, <u>2021 Conference</u>
- Recommendations by child psychiatrist & psychologist
 - Dr. Victoria Dunkley, MD Reset Your Child's Brain
 - Dr. Catherine Steiner-Adair, Ph.D.
 The Big Disconnect



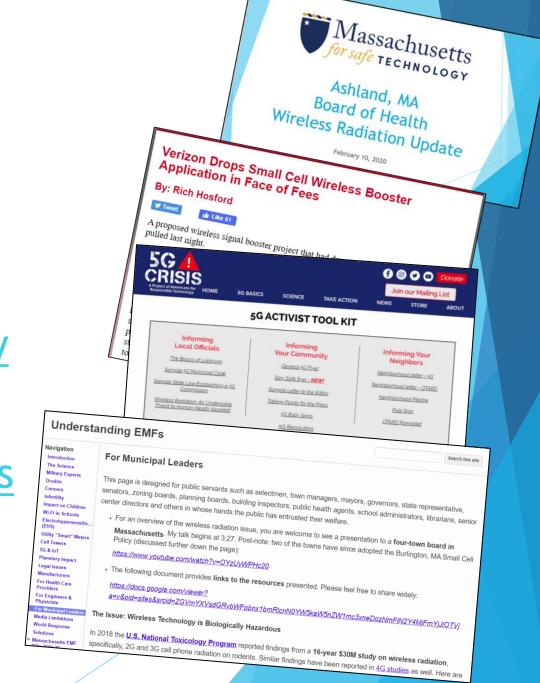
Safe Tech Solutions: Schools

- Expert panel: <u>Questioning the Safety of Our Children's Exposure to Wireless Radiation in School</u>
- New York Times: Silicon Valley execs banning screens from their children
- Maryland first public health agency to recommend hard-wiring in schools
- United States Collaborative for High Performance Schools <u>Low-EMF User</u> <u>Practices</u>
- Study at home guidelines



Safe Tech Solutions: Municipal Level

- Board of Health:Presentation & Slides
- ► Burlington, MA Small Cell Policy
- ► 5GCrisis.com <u>Tool Kit</u>
- ► Resources for <u>Municipal Leaders</u>



Safe Tech Solutions: State Policy-Level

- ► Advancing MA <u>EMF bills</u>, <u>NH & OR</u>
- CA Dept. of Public Health Cell Phone Guidance
- ► MA DPH fact sheets
 - ► Boston Globe article
 - ► State's Radiation Control website
- ► MA Department of <u>Elementary & Secondary Education</u>
- ► MA Department of <u>Public Utilities</u>
- Attorney General's Office



Safe Tech Solutions: Legal Action

- ► Irregulators vs. FCC
- ► Environmental Health Trust vs. FCC
- ► Children's Health Defense vs. FCC
- Burlington, MA lawsuit with Verizon
- Centerville Concerned Citizens
- ► Keene, NH moratorium and legal action
- Much more domestically and internationally

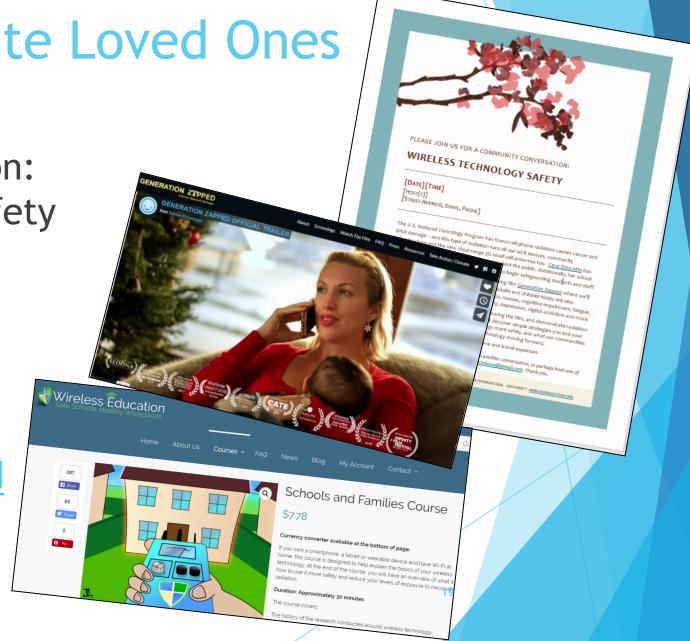
MARCH 16th, 2020: RELEASE: IRREGULATORS BIG WIN: We Freed the States to Get the Money Back from AT&T, Verizon & March 13th, 2020: The DC Court of Appeals issued an Opinion. SUMMARY: IRREGULATORS v FCC Moves Forward: Billions of Dollars I PODCASTS: WHY IRREGULATORS ENVIRONMENTAL HEALTH TRUST Read the Details About the Cas Want to Learn More About Our FCC EHT is part of a group of scientists, consumer health nonprofits, and citizens who have filed historic legal action against the FCC for its refusal to update its 24-year-old cell phone and wireless radiofrequency (RF) adiation guidelines. Get updates about our suit and learn more about how EHT is protecting families from wireless radiation exposure and other * Email Children's Health Defense HISTORIC CASE
CHD vs. FCC SUBMITTED! The FCC false health guidlines are HARMING OUR CHILDREN and enabling 5G deployment Support the Children's Health Defense and help us STOP THE FCC! PLEASE HELP US PROTECT OUR CHILDREN
To Donate: www.childrenshenlib.defanse.org/donate (choose Stop 5G)

Next Steps: Educate Loved Ones

Community Conversation: Wireless Technology Safety

Kanopy or <u>Generation</u>
<u>Zapped</u>

- Screenagers
- Non-profit Wireless
 Education's <u>Schools and</u>
 <u>Families Course</u> &
 Free Quiz



Next Steps: Protect Your Community

► Join MA for Safe Technology or other groups

- Don't go it alone
- Stop small cell installations
- Contact legislators & other state-level authorities
- ► Educate <u>local public servants</u>
 - Speed, reliability, privacy
 - Energy consumption
 - Legal liability
 - Sustainability



Questions & Answers

Please use Chat feature



Thank You!



- Contact Dr. Judy Tsafrir: www.JudyTsafrirMD.com
- Contact Cece Doucette:
 c2douce@gmail.com
 WirelessEducation.org
- Contact Newton Free Library: newtonfreelibrary.net

