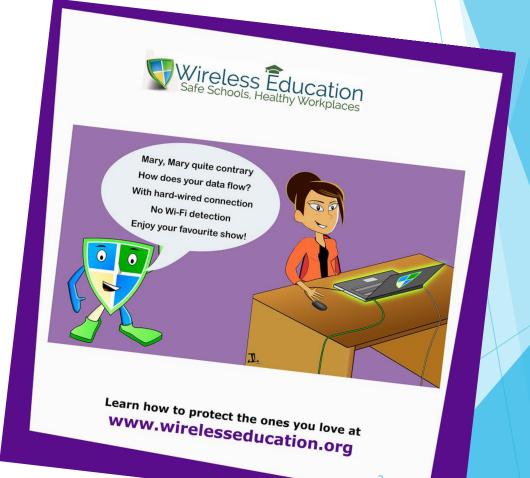


Cece Doucette, Technology Safety Educator

Hopkins Medical Group, May 2020



- Overview: links
 - > Introduction
 - > The Fine Print
 - Science
 - > 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

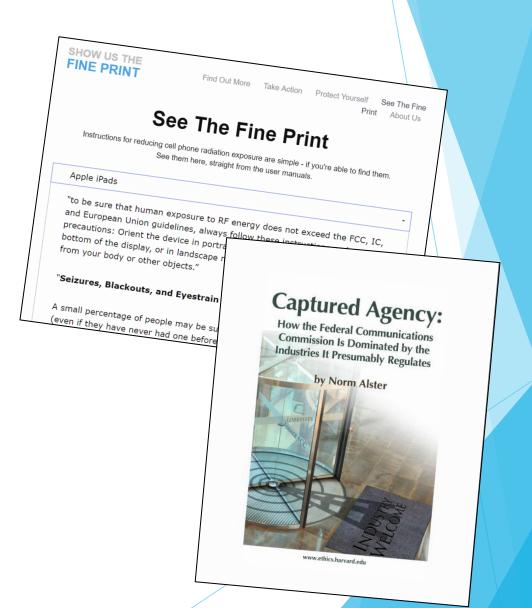
Best Practices for Mobile Devices

- 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



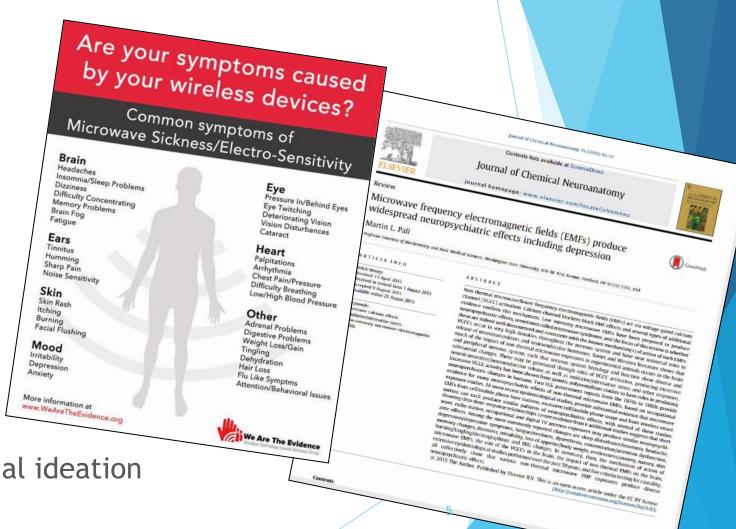
The Legal Fine Print

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



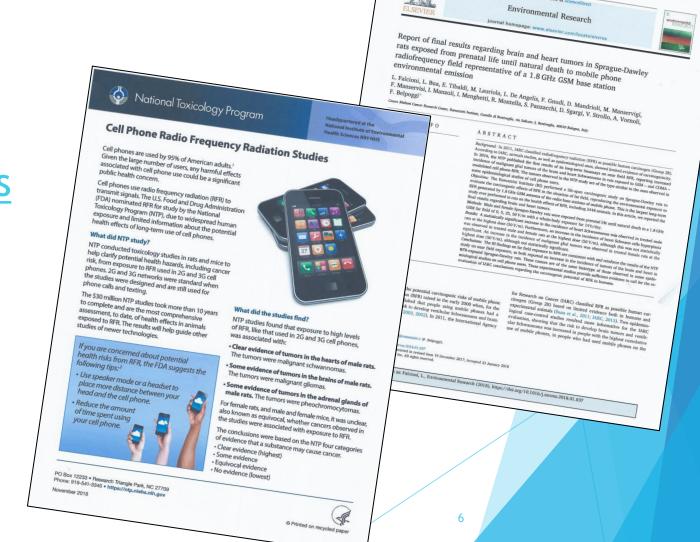
Science: Short-term Effects

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



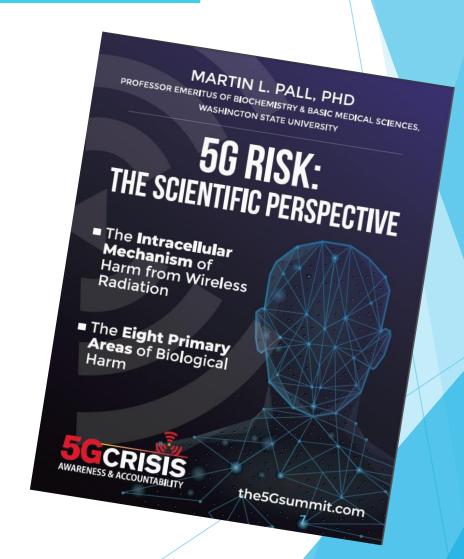
Science: Long-term Effects

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

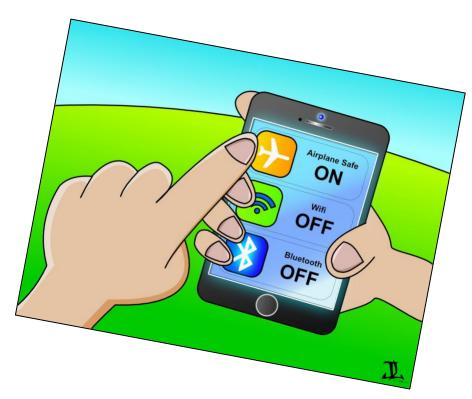


Science: Mechanisms of Harm

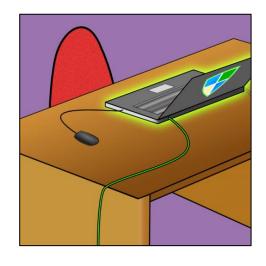
- Immune System Compromise
- Rouloux Effect
- Melatonin Suppression
 - Sleep
 - > Toxins removal
- Voltage-Gated Calcium Channels
 - Peroxynitrite
- ► Blood-Brain-Barrier
- Cell Growth Acceleration

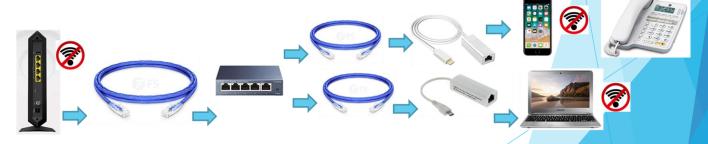


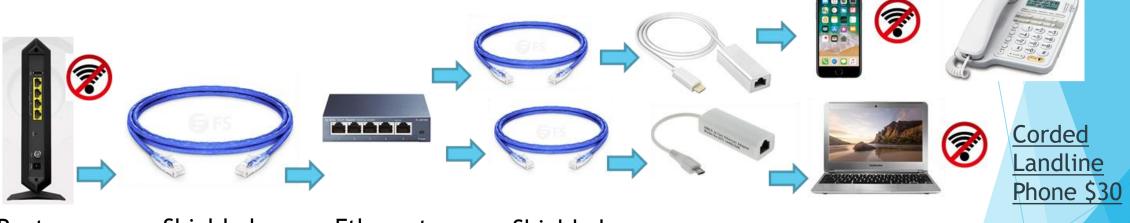
- All devices off
- Airplane mode
 - ► Cellular Off
 - ► Data Off
 - ► Wi-Fi Off
 - ► Bluetooth Off
 - ► Hotspot Off
- Second-hand radiation: people & pets



- 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
- Professional Help:
 Building Biologists

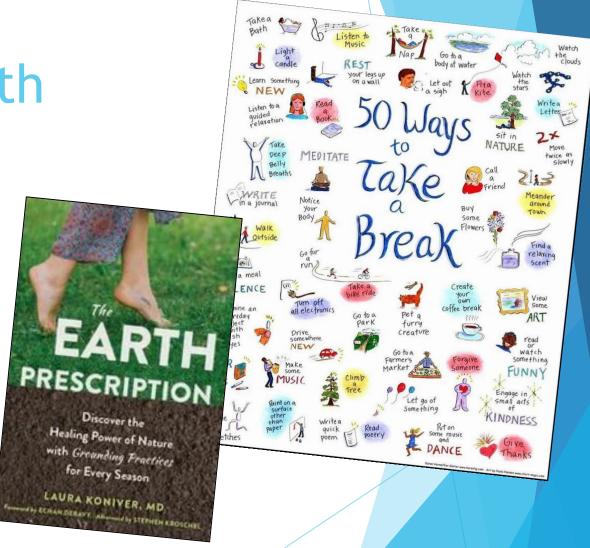






Safe Tech Solutions: Physical & Mental Health

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

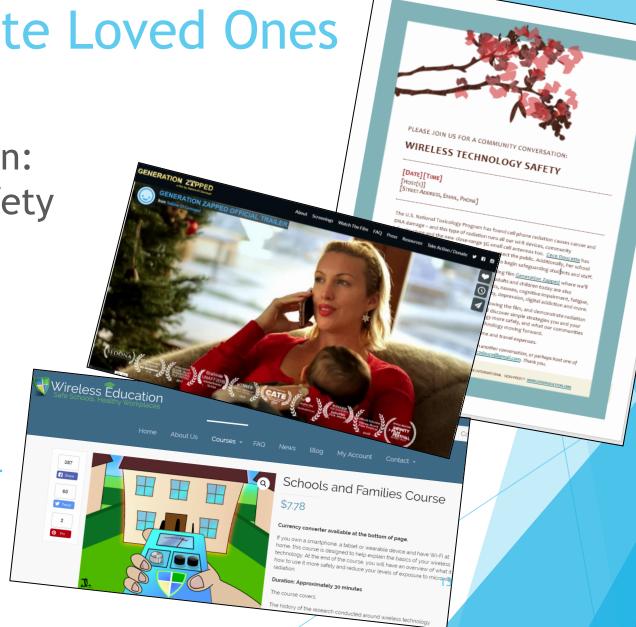


Next Steps: Educate Loved Ones

Community Conversation: Wireless Technology Safety

Award-winning film Generation Zapped Newton Event May 13

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



Next Steps: Help Others

- ► Join <u>Massachusetts for Safe</u> Technology
- Facebook <u>Page</u>: MA for Safe Technology
- ► Facebook Private Group: MA for Safe Technology



Thank You!

- ► Contact c2douce@gmail.com
- ► WirelessEducation.org

