

Wireless, Wildlife and You

Curtis Memorial Library, Brunswick, ME, Wednesday, May 8 at 7 p.m.

Outline

- What the non-industry funded peer-reviewed published science says
- How wireless came to market
- What 5G and small cell installations are
- International and domestic actions
- Community solutions for safer technology
- Solutions for educating and protecting the public

How I Became Aware

- The Fine Print: iPhone: Settings, then remember the acronym GAL, as in this gal at the meeting showed you this. Scroll down a bit and tap **General**, and at the top tap **About**. Then scroll all the way down and tap **Legal**. At the bottom of Legal, tap RF Exposure. Showthefineprint.org.
- Ashland Public Schools, MA become the [first in the nation](#) to begin taking precautions with wireless technology
- Ashland Public Library, MA became the first in the nation to put an RF [Acoustimeter](#) on loan so residents can measure their exposures

The Science

- [U.S. National Toxicology Program \\$30M report](#): “clear evidence” of cancers and DNA damage
- [Ramazzini Institute’s corroborating study](#)
- Dr. Martin Pall’s scientific review, [5G: Great risk for EU, U.S. and International Health! Compelling Evidence for Eight Distinct Types of Great Harm Caused by Electromagnetic Field \(EMF\) Exposures and the Mechanism that Causes Them](#)
- Dr. Anthony Miller: [Based on the evidence reviewed it is our opinion that IARC’s current categorization of RFR as a possible human carcinogen \(Group 2B\) should be upgraded to Carcinogenic to Humans \(Group 1\)](#)
- Dr. Om Ghandi: [Yes the Children Are More Exposed to Radiofrequency Energy From Mobile Telephones Than Adults](#)

- T-Mobil report from 2000, [Mobile Communications and Health](#)
- [Impact on flora and fauna, article by Dr. Cindy Russell](#)

How Wireless Came to Market

- [SAM](#): heat model
- [Telecom Act of 1996, Section 704](#): cannot claim environmental harm
- Harvard's report, [Captured Agency: How the Federal Communications Commission is Dominated by the Industries it Presumably Regulates](#)
- [Insurance exclusions for RF](#): liability falls to towns and users

5G and Small Cells

- [Electromagnetic radiation spectrum](#)
- [Locations: utility poles, light poles, intersections, wires, manhole covers, satellites](#)
- [Energy consumption](#): power supply not small
- [5G & IoT resources](#)

International Actions

- [Court cases](#) are already being won around the world for wireless damages so it would behoove Massachusetts to proactively get ahead of this
- [France, Belgium, Italy, Israel, Cyprus](#) and others taking action to protect citizens and especially children
- WHO just this week issued [screen time limits for young children](#)
- International scientists and NGOs are calling for [a moratorium on 5G](#)
- [Belgium](#) and [Geneva](#) and others have called for a halt to 5G until it's proven biologically safe

Domestic Actions

- Cancer clusters among children and staff have broken out in schools in [California](#), [Colorado](#) and [Pennsylvania](#)
- Other chronic illnesses continue to skyrocket costing the U.S. [\\$2.5T per year](#); common link is free radical [peroxynitrite](#) which we know EMFs cause
- [International Association of Fire Fighters](#) banned cell antennas from fire department facilities in 2004
- Industry aggressively trying to pass bills at the [federal level](#) and put in [by-laws at the state and local level](#) that would take away home rule from our local municipalities for small cell infrastructure, and limit public access fees
- [U.S. Conference of Mayors](#) opposes 5G, California Governor Jerry Brown [vetoed a 5G bill](#), and [80 towns are suing the state of Ohio](#) to retain local control. See [more](#).
- FCC Commissioner Brendan Carr stated publicly 5G is safe; in December [Senator Richard Blumenthal and Congresswoman Anna Eshoo](#) sent a formal letter asking him to provide the science on which he based that claim. The FCC failed to respond.
- Congresswoman Eshoo filed a [federal bill](#) in January to block the FCC from taking away local control.
- [Senator Blumenthal](#) recently questioned the FCC in a hearing with the Senate Commerce, Science, and Transportation Committee. The wireless carriers conceded they are not aware of any independent scientific studies on the safety of 5G technologies. Blumenthal also criticized the FCC & FDA for inadequate answers on outstanding public health questions.
- The first [EMF Conference](#) for health care providers will be held this fall in California, with experts presenting from all over the world.

Legislation

- MA leads the nation with [19 bill to address man-made radiation](#).
- [Other states](#) have also introduced safe technology legislation including California, Hawaii, New Hampshire, Montana, Oregon, Rhode Island and Vermont.

Additional Massachusetts Efforts to Promote in Your State

- Massachusetts [Department of Elementary and Secondary Education](#) tuning into wireless technology hazards in school
- Expert forum held in Shrewsbury, [Questioning the Safety of Our Children's Exposure to Wireless Radiation in School](#)
- Boston Globe investigated wireless radiation in January 2019, and in [their article](#) the Massachusetts Department of Public Health indicated guidance would be released in the next six months. Then they put up an [EMF page](#) denying cancer and DNA damage.
- Wayland, MA has a 900' setback for Wireless Communication Facilities; voted in 2018 to reject "smart" [water meters](#).
- Burlington, MA ratified a [Small Cell Policy](#) that would require the telecom companies to annually recertify their equipment is still viable, and Burlington will charge the vendor an annual fee so the town can hire an independent consultant to execute the annual recertification process.
- The Verizon lawyer indicated his client did not wish to set precedent for recertification or for a fee, so he [withdrew Verizon's seven small cell applications](#).

Solutions for Responsible Technology Infrastructure

- [Measure](#) exposures against [biological safety](#) limits.
- Hard-wire to the premises with no wireless nodes.
- Many communities are building and managing their own fiber-optic networks. You can learn more about this in [Reinventing Wires: The Future](#)

[of Landlines and Networks.](#)

- Grassroots Environmental Education has also developed a [Model Wireless Telecommunications Ordinance](#) to help your towns quickly protect property values, privacy, safety, energy consumption, public health and environment.

Solutions for Educating the Public

- Put personal devices in airplane mode and just go active periodically to check for messages. Verify airplane mode turned off all antennas.
- When not on the go, hardwire with inexpensive Ethernet cables and adapters, then turn off the antennas.
- See the film that won Best Documentary at the D.C. Independent Film Festival, [Generation Zapped](#). In 74-minutes everyone can understand the urgency of this issue. Hold community screenings.
- Take easy half-hour courses on-line with the non-profit [Wireless Education](#); quickly train entire [families, schools, communities and workforces](#).

Almost immediately, when one chooses to reduce wireless radiation exposures, we see a drastic reduction in insomnia, headaches, nosebleeds, nausea, fatigue, brain fog, behavior issues, anxiety, depression and more. Science shows improvement in wildlife as well.

However, if wireless infrastructure is allowed to continue to be installed for “small cells” and “smart” utilities where we have no control over 24x7 pulses of toxic radiation, our bodies and environment may never get a chance to recover.

Please, choose hard-wired solutions and educate your communities on the need for safe technology.



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