



Advancing Sound Electromagnetic Radiation (EMR) Public Policy

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Mar 20, 2013 09:02 ET - MARSHFIELD, VT--[\(Marketwire - Mar 20, 2013\)](#) - The EMR Radiation Policy Institute (EMRPI) releases Videos revealing the FCC's failure to protect Americans from wireless radiofrequency (RF) radiation.

US workers and families are at risk of overexposure to RF at hazardous levels. Hundreds of wireless industry-operated antenna sites from Maine to California have been tested by EMRPI and found to be in gross violation -- up to and in excess of 600% -- of the FCC's public exposure limits. These sites > ...

Jan. 25, 2013 - [21st Century Science Denial](#)

Part I: Psychopolitical Paranoia

Part II: The Politics of Cell Phone Radiation

Part III: Rise of the Machines

This series of articles was adapted from originals written in 2011 by Deborah Kopald MBA in response to Felicity Barringer's *New York Times* coverage of the anti-smart meter movement.

Nov. 20, 2012 - [How safe are the wireless devices on your holiday gift list?](#) As US holiday shoppers gear up for "Black Friday," news outlets are reporting on the findings of the recent Yale School of Medicine cell phone study funded by the Eunice Kennedy Shriver National Institute of Child Health & Human Development. The Yale study demonstrates that exposure to radiation from cell phones during pregnancy affects the brain development of offspring.

October 4, 2012 – Sign The EMR Radiation Policy Institute's petition on the White House web site. We are requesting that the Obama Administration support and sign [The Cellphone Right to Know Act" HR. 6358](#). This bill calls for the EPA to develop biologically-based wireless radiofrequency (RF) radiation exposure limits as well as for the FCC to be required to enact these new RF safety limits. It also calls for labeling of wireless devices so consumers will know, at point of sale, the level of RF radiation that each device emits.

[Find here full instructions](#) as well as the link to the White House website where you can sign the petition, the full text of the petition, and tips on how to help us get 25,000 signatures on this petition by November 2, 2012. If we reach that goal by that date the White House is required to review the petition and issue a response.

March 14, 2012 - [Open letter to Vermont Health Commissioner Harry Chen MD](#) from The EMR Policy Institute in rebuttal of the February 10, 2012 Vermont Department of Health (VDH) Report – [Radio Frequency Radiation and Health: Smart Meters](#)

March 12, 2012 - Thank you to Matt Fisk for making this video on his informative Smarter Meters Blog. Provided at this link is [video of an RF measurement meter recording](#) the occurrence of emissions 6 feet away from of a Smart Meter installed on a home in Vermont. This is at a 45 degree angle (not directly in front of the Smart Meter) 16 inches off the ground, while the Smart Meter is 5 feet off the ground, so these are on the lower end of what a person would be getting standing 6 feet directly in front of the Smart Meter.

June 5, 2011 - [25 Billion+ At Risk in Obama WIRELESS Broadband Initiative](#) At a time when it

June 9, 2011 - [The EMR Policy Institute joins calls](#) from the International EMF Alliance (IEMFA), the UK's Powerwatch, and scientists from around the world for postponement of the World Health Organization's (WHO) International Agency for Research on Cancer (IARC) meeting scheduled to begin May 24th, in Lyon, France. The IARC panel is to conduct an assessment of the cancer risks associated with exposure to sources of radiofrequency (RF) and microwave (MW) radiation and release a Monograph report.

May 24, 2011 – [The EMR Policy Institute joins calls](#) from the International EMF Alliance (IEMFA), the UK's Powerwatch, and scientists from around the world for postponement of the World Health Organization's (WHO) International Agency for Research on Cancer (IARC) meeting scheduled to begin May 24th, in Lyon, France. The IARC panel is to conduct an assessment of the cancer risks associated with exposure to sources of radiofrequency (RF) and microwave (MW) radiation and release a Monograph report.

December 14, 2010 - [Call Me Responsible](#): Learning Federal Rules and Regulations About Wireless Devices by Katie Singer for The EMR Policy Institute

October 28, 2010 - Global News Report [WiFi Worries](#) – From Ottawa a report on the Canadian Parliament committee hearing on WiFi in schools – is it causing health problems for school children.

October 28, 2010 - [YouTube videos from the Safe Schools](#) group in Canada. These are news reports that have aired nationally in Canada on CBC and CTV.

October 26, 2010 - [Cell-Phone Safety: What the FCC Didn't Test](#), *Time*: By Michael Scherer / Washington, Tuesday, Oct. 26, 2010

October 22, 2010 - [New Fact Sheet](#) on studies of harmful health effects to persons living close to cell phone base station antennas.



[Cell phone health warning debated in Augusta](#): Convenience or radiation
By Meg Haskell
Bangor Daily News March 3, 2010



[Cell-Phone Safety](#)
By Bryan Walsh
TIME Magazine March 15, 2010

[Testimony presented by The EMR Policy Institute](#) at the March 2, 2010 Maine Legislative hearing on warning labels for cell phones.

[YouTube postings](#) of the presentations from the November 8, 2009 EMR Policy Institute Scientific Conference – Electromagnetic Radiation Impacts on Human Health. To view all presentations, see right side of YouTube page. Below the segments of Magda Havas's presentation click on See All.



[GQ February 2010](#) – "Warning: Your Cell Phone May Be Hazardous to Your Health" By Christopher Ketcham

Ever worry that that gadget you spend hours holding next to your head might be damaging your brain? Well, the evidence is starting to pour in, and it's not pretty. So why isn't anyone in America doing anything about it?



Prevention January 2010 ["Electromagnetic Fields and Your Health: Is Dirty Electricity Making You Sick?"](#) By Michael Segell

Too many electromagnetic fields surrounding us--from cell phones, wifi, and commonplace modern technology--may be seriously harming our health. Here's how to minimize your exposure.

October 1, 2009 - [The EMR Policy Institute Statement](#) in response to the Environmental Working Group's Report: [Limit Your Exposures To Cell Phone Radiation](#)

Sept. 22, 2009 – Two new statements from Cindy Sage, Co-editor of *The BioInitiative Report* and Co-Coordinator of the Working Group on Electromagnetic Fields - Collaborative on Health and the Environment (CHE):

- [Plain Talk on Cell Phones](#) - What you can do immediately to reduce possible risk of malignant brain tumor (glioma) and acoustic neuroma (a tumor of the auditory nerve in the brain) if you use a cell or cordless phone.
- [What to tell your employer about cell phones and PDAs in the workplace.](#) Neurological Effects of Wireless Technologies - Talking Points on Cell Phones and Health Risks. Ask your office manager or owner of your business to write down and distribute an office policy on cell phone/PDA use and wireless in the workplace.

Also - Statement from Jackie McGlade – European Environmental Agency:

- **Sept. 15, 2009** – [Statement from the European Environmental Agency](#) (EEA) Executive Director Jackie McGlade laying out what EEA sees as the most important practical implications of the current evidence on the cancer risks from using mobile phones, especially for children and young adults. Ms. McGlade's statement credits the contribution of The BioInitiative Report in bringing public awareness to the cell phone health effects issue.

July 13, 2009 - [FDA Guts Web Site Cell Phone Safety Pages](#)

[2008 Update](#)

Summary of developments in public policy on electromagnetic radiation exposure as well as the efforts of The EMR Policy Institute in opposition to wireless industry and FCC proposals.

Sept. 25, 2008 - [US Congressional hearing - Cell Phone Use and Tumors: What the Science Says](#) convened by Congressman Dennis Kucinich, Chairman of the Subcommittee on Domestic Policy of the House Committee on Oversight and Government Reform. View recording of hearing and read the submitted written testimony of the witnesses.

[Purchase a DVD of our May 10, 2007 Congressional Briefing](#)

You can purchase a copy of this DVD for \$10 by choosing either "Make a Donation" (above) or "Donate Now" (at bottom of this page). When filling out the form put \$10 in the amount box and "Purchase Briefing DVD" in the Address 2 box. Read a [description of the DVD contents](#).

[Frequently Asked Questions](#) on the basic science of electromagnetic fields (EMFs) and radiofrequency (RF) radiation.

[Sign on to the on-line petition to endorse the recommendations of The BioInitiative Report.](#)

- [BioInitiative Petition French translation](#)
- [BioInitiative Petition German translation](#)

[2007 Update](#)

Activities of The EMR Policy in 2007 continue to challenge current US policy for human and wildlife exposure to radiofrequency (RF) radiation and to educate the public on the inadequacy of US RF safety policy. Current US policy does not protect humans and wildlife from long-term, low-intensity exposure to antenna radiation. Given here is a listing of the major EMR Policy Institute activities carried out throughout 2007 to address these problems. These are the activities that your donations are supporting.

Flaws in the US public policy for human exposure to radiofrequency radiation (RFR) are:

- [None of us are protected from the hazards of long-term exposure to low-intensity radiofrequency radiation \(RF\) in the United States.](#) [Two EPA letters](#) clarify the inadequacy of the FCC's Rf radiation exposure guidelines.
- [Congressional funding for the EPA](#) to study the hazards to human health of long-term exposure to low-intensity RF radiation terminated in 1998 in the amount of \$25,000.
- Exposure to high levels of RF radiation can heat, burn and even kill and has been [developed into weapons](#).
- [RF radiation is a form of non-ionizing radiation](#) emitted from radar, broadcast TV and FM; mobile phone, WiMax, and WiFi base stations; and consumer products such as microwave ovens, mobile phones, pagers and wireless internet devices. Our exposure to RF radiation is increasing exponentially with the deployment of new technologies.
- Increasing evidence indicates that long-term exposure to RF radiation causes changes in our bodies at levels that are more than 100 times lower than those permitted in the U.S. by the Federal Communications Commission's (FCC) RF exposure limits.

Theodore Litovitz, PhD, Professor Emeritus of Physics, Catholic University of America was the author of this [PowerPoint presentation on adverse biological effects from non-thermal exposure to RF radiation](#). Dr. Litovitz first presented it as part of a Congressional staff briefing in July of 2001, and it was later entered into the official court record in the HDTV broadcast antenna siting case for Lookout Mountain, Colorado. Dr. Litovitz passed away in 2006.

From the 2003 compilation of studies entitled *Biological Effects of electromagnetic Fields: Mechanisms, Modeling, Biological Effects, Therapeutic Effects, International Standards, Exposure Criteria*, Springer Verlag, 2003, first edition, edited by Professor Peter Stavroulakis of the Technical University of Crete with contributions from the U.S. Army, U.S. Air Force, and U.S. Navy and a summary from the World Health Organization:

- p. 524 - *There is more than sufficient evidence of chromosome aberration, DNA strand breakage, altered oncogene activity and neoplastic transformations of cells to conclude that EMR across the spectrum from ELF to RF/MW is genotoxic. This is independently confirmed by the established biological mechanism of calcium ion efflux and melatonin reduction.*
 - p. 522 - *Genotoxic substances cause cancer, reproductive health effects and neurological damage.*
- [Sworn testimony](#) of physicians, research scientists, engineers and attorneys in two recent Colorado court cases explain how federal policy in the United States is not protecting people from adverse health effects of RF radiation. The FCC's Policy on Human Exposure to Radiofrequency Electromagnetic Fields does not protect against long-term, low-intensity exposure. Links to the testimony of leading researchers and medical practitioners are given at the beginning of this listing.
 - More than [two decades of published, peer-reviewed research have demonstrated effects to humans](#) from exposure to electromagnetic fields.
 - The Telecommunications Act of 1996 (TCA) prevents states and local governments from "regulating the placement, construction, and modification of personal wireless service facilities on the basis of the environmental effects of radio frequency emissions to the extent that such facilities comply with the Commission's [FCC's] regulations concerning such emissions. Found at: 47 U.S.C. § 332 Subsection (c)(7).
 - The FCC, charged with the deployment of RF technology, sets the U.S. RF radiation human exposure limits for broadcast TV, FM, mobile phone and other antennas based upon the recommendations of a subcommittee of the Institute of Electrical and Electronics Engineers (IEEE), a private entity describing itself as "The world's leading professional association for the advancement of technology." The IEEE Mission is to promote "the engineering process of creating, developing, integrating, sharing, and applying knowledge about electro and information technologies and sciences for the benefit of humanity and the profession." The FCC relies on the industry to self-report its compliance with the IEEE-developed RF exposure limits. These limits are designed to protect the public from being heated by RF radiation from short-term, high-intensity exposures and are utterly non-protective from the adverse health effects of long-term, low-intensity exposures.



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