



## The Idaho Observer

# Physicians Call For Accurate Wireless Safety Standards

By: Magda Havas

Mainstream news, financed by giant corporate advertisers continue to portray wireless technology as safe. The increase of cancers and childhood neurological diseases are portrayed as unpreventable with unknown causes. They “just happen” and viewers are recommended to run to their doctors for a pharmaceutical “cure”. Following are highlights of what expert scientific groups around the world have released regarding the biological and health effects of both low frequency electromagnetic fields (EMF) associated with electricity and radio frequency (RF) electromagnetic radiation (EMR) generated by wireless devices. Children are particularly vulnerable. It is irresponsible of governments to maintain the status quo in light of the thousands of studies published by these experts..

On July 9, 2014, the Canadian Physician’s Declaration was released, stating that there is considerable evidence that exposure to microwave radiation from wireless devices; Wi-Fi, smart meters and cell towers can have an adverse impact on human physiological function. Recent and emerging studies from university departments and scientific sources throughout the world support the assertion that energy from wireless devices may be causatively linked to various health problems including reproductive compromise, developmental impacts, hormonal dysregulation and cancer. As a result, 53 researchers in electromagnetic fields from 18 countries stated that Canada’s Safety Code 6 Guideline is fundamentally flawed and does not protect people. They called upon Health Canada . . .

- i) to intervene in what they view as an emerging public health crisis;
- ii) to establish guidelines based on the best available scientific data including studies on cancer and DNA damage, stress response, cognitive and neurological disorders, impaired reproduction, developmental effects, learning and behavioral problems among children and youth, and the broad range of symptoms classified as EHS; and
- iii) To advise Canadians to limit their exposure and especially the exposure of children.

In November, 2012, The International Doctors’ Appeal 2012 was released, recognizing that radio frequency radiation poses a serious health risk and demanding that precaution be exercised to protect public health. In March, 2012, Guideline of the Austrian Medical Association for the diagnosis and treatment of EMF related health problems and illnesses (EMF syndrome) was released, providing information on how to proceed if patients exhibit EMF-related health problems. It includes taking history of health problems and EMF exposure; examination and findings; measurement of EMF exposure; prevention or reduction of EMF exposure; diagnosis; and treatment.

In May, 2011, the International Agency for Research on Cancer (IARC) and World Health Organization (WHO) reclassified radio frequency elec-

tromagnetic fields as a Class 2B carcinogen (possibly carcinogen to humans). This applies to all forms of radio frequency radiation (and not just cell phones as some inaccurately claim). Then, the Parliamentary Assembly Council of Europe (PACE) released Resolution 1815 on the Potential Dangers of Electromagnetic Fields and their effect on the Environment. This document contains excellent recommendations regarding cell phones, cordless phones, wireless baby monitors, WiFi, WLAN, WiMax, power lines, relay antenna base stations; with special concerns expressed for the protection of children and those who are electrosensitive.

At the same time there was a meeting at the WHO headquarters in Geneva regarding

Multiple Chemical Sensitivity (MCS) and Electrohypersensitivity (EHS), which recommended the inclusion of these illnesses [MCS and EHS] in the WHO International Classification of Diseases (ICD), because of the adverse reactions to chemicals or electromagnetic radiation which worsen with additional exposure, are chronic, and are exacerbated if patients live in a toxic environment, such as near a petrochemical industry or are subjected to electromagnetic radiation emissions in the neighborhood, mobile phone antennas, etc.

In April of the same year, the Russian National Committee on Non-Ionizing Radiation Protection (RNCNIRP) released their Resolution entitled “Electromagnetic fields from Mobile Phones: Health Effect on Children and Teenagers”. The Committee presented some startling statistics. It reported that “[the committee] reviewed the short-term and long-term effects of mobile phone use for children. In particular, it reviewed possible decrease of intellectual abilities and cognition together with possible increases in

susceptibility to epileptic fits, “acquired dementia” and degeneration of cerebral nervous structures. The results of clinical studies have shown that chronic exposure to RF EMF may lead to borderline psychosomatic disorders. In 2010, a number of papers published in Russian and foreign peer-reviewed journals showed a response to RF EMF exposure from the immune system.

“ . . . since 2000 there has been a steady growth in the incidence of childhood diseases identified by RNCNIRP as “possible diseases” from mobile phone use. Of particular concern is the morbidity increase among young people aged 15 to 19 years (it is very likely that most of them are mobile phone users for a long

period of time). Compared to 2009, the number of CNS [central nervous system] disorders among 15 to 17 year-old has grown by 85%, the number of individuals with epilepsy or epileptic syndrome has grown by 36%, the number of “mental retardation” cases has grown by 11%, and the number of blood disorders and immune status disorders has grown by 82%. In group of children aged less than 14 years there was a 64% growth in the number of blood disorders and immune status disorders, and 58% growth in nervous disorders. The number of patients aged 15 to 17 years old having consultations and treatment due to CNS disorders has grown by 72%.

In 2010, in Norway, the International Electromagnetic Field Alliance (IEMFA) released their report entitled Scientific Panel on Electromagnetic Field Health Risks: Consensus Points, Recommendations, and Rationales. The summary/abstract states: “In November, 2009, a scientific panel met in Seletun, Norway, for three days of intensive discussion on existing scientific evidence and public health implications of the unprecedented global exposures to artificial electromagnetic fields (EMF). EMF exposures (static to 300 GHz) result from the use of electric power and from wireless telecommunications technologies for voice and data transmission, energy, security, military and radar use in weather and transportation. The Scientific Panel recognizes that the body of evidence on EMF requires a new approach to protection of public health; the growth and development of the fetus, and of children; and argues for strong preventative actions. New, biologically-based public exposure standards are urgently needed to protect public health worldwide.”



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Conclusions in this report build upon prior scientific and public health reports and resolutions documenting the following consensus points:

- a) Low-intensity (non-thermal) bioeffects and adverse health effects are demonstrated at levels significantly below existing exposure standards.
- b) ICNIRP and IEEE/FCC public safety limits are inadequate and obsolete with respect to prolonged, low-intensity exposures.
- c) New, biologically-based public exposure standards are urgently needed to protect public health world-wide.
- d) It is not in the public interest to wait.

Below is a petition/ letter we can use to urge legislators to do something about this problem. But since they, like the news media, are compromised by industry money, at least we should use common sense in dealing with electromagnetic energy.

Links to the petition, the documents referred to above and additional documents dating back to 1997 can be found at <http://www.magdahavas.com/international-experts-perspective-on-the-health-effects-of-electromagnetic-fields-emf-and-electromagnetic-radiation-emr/>

Based on resolutions and appeals from international groups of physicians and scientists immediate action is required to protect public health from continued increasing exposure to radio frequency radiation and electromagnetic fields.

I call on . . .

1. regulators around the world to reexamine existing guidelines for both EMF and EMR and to reduce them to the lowest possible levels to protect the public and workers. Values above 4 milliGauss (low frequency magnetic fields); above 0.1 microW/cm<sup>2</sup> (power density for radio frequency radiation) and above 40 GS units (dirty electricity) have been associated with adverse health effects in peer reviewed scientific publications!
2. government agencies responsibility for the location of both base stations and power lines to keep distances at least 400 meters (base stations) and 100 meters (transmission lines) from residential properties as well as school and health care facilities.
3. utilities (water, gas, electricity) to reconsider the use of wireless smart meters and provide wired options for those who are sensitive, for those who do not want to be exposed, and for those in densely populated settings.
4. manufacturers who are providing technology that uses electricity and/or emits radio frequency radiation to re-engineer their products to provide the minimum radiation possible. This includes light bulbs, computers, wireless home devices like baby monitors and cordless phones, cell phones, smart meters, plasma TVs, among others.
5. architects, builders, electricians, and plumbers to design and construct buildings that are based on principles of good electromagnetic hygiene. This includes using materials that absorb or shield building interiors from microwave radiation especially near external sources of this radiation and in multi-unit buildings; to provide wired alternatives to wireless devices; to properly wire and ground buildings to minimize low frequency electromagnetic fields and to eliminate ground current problems; and to install filters on electrical panels and/or throughout the building to ensure good power quality.
6. local, state, federal health authorities to educate medical professions about the potential biological effects of both low frequency and radio frequency electromagnetic energy; about the growing number of people who have electrosensitivity (ES) or electrohypersensitivity (EHS) and to alert them on how they can help their patients in terms of minimizing their exposure and promoting their recovery.
7. hospitals and
8. school boards should choose wired internet access over WiFi (wireless technology) and not allow towers/antennas within 400 meters of their school property.
9. parents to practice good electromagnetic hygiene especially in the bedroom and especially for their children. This involves using wired rather than wireless devices in the home, keeping electric appliances away from the bed, turning off/unplugging devices when not in use.
10. the media to provide information to the public about the health and safety of using this technology; to rely on "independent experts" who do not receive funding or other benefits based on the outcome of research studies; and to identify experts funded by the industry as "industry representatives". The integrity of many of these scientists leaves much to be desired.

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## A WARNING ON WALL STREET'S INSANE WAR AGAINST RUSSIA

Led by the non-stop activity of its New York City teams, the movement of Lyndon LaRouche and the Schiller Institute are advancing on the goals of bringing down Wall Street and pushing the United States into a new economic alliance with the BRICS nations. "We've got the tiger by the tail: keep swinging!" said Helga Zepp-LaRouche, keynoting the exceptional New York City conference of the Schiller Institute Jan. 17, which brought Martin Luther King's life purpose together with that of economic development and peace today.

The principle to be restored in doing this is the credit principle of the United States' first Treasury Secretary, Alexander Hamilton, a principle of real economic growth which is diametrically opposed to the way Wall Street and London have ruined the economies of the United States and Europe. With a leaflet, "Alexander Hamilton's Credit Principle," LaRouche's movement will hit Wall Street and New York again this week to follow through on the Jan. 17 breakout event in New York, "BRICS Nations Revive Dr. Martin Luther King's Dream."

But because of the bankruptcy of Wall Street and the City of London, they continue to drive for war against Russia and China: provocations against Russia in Eastern Europe, war again raging in Ukraine, sanctions and financial warfare overtly aimed at bringing down the Putin government.

EIR Founding Editor LaRouche had a firm message on this today, which must be understood. "If the United States launches attacks on Russia," LaRouche said, "then Russian weapons will hit the United States before it knows what has happened. If you represent Wall Street, if you participate in its policies, then you're already dead if the United States goes to war with Russia."

The Wall Street and London banks are reeling, showing all signs of another oncoming, well-deserved breakdown. The Wall Street megabanks are on the hook for the "shale oil bubble" now undergoing collapse, and exposed to it by \$20 trillion in derivatives contracts now going bad. They've just reported their worst earnings since the Great Depression and laid off 50,000 employees. The European megabanks, under City of London's dictate, are so bankrupt they are desperate to get a \$1-2 trillion bailout from the European Central Bank started this week; and were just shocked by big losses when Switzerland cut its ties with the sinking euro currency. As one Wall Street Journal writer expressed it today, "the Davos conference is opening with the world on the edge of a nervous breakdown." That is, the world of Wall Street.

It is this desperate City of London/Wall Street regime which threatens war even global thermonuclear war thinking to save itself by the capitulation of just those nations whose policies threaten it with a new order: China and Russia in particular; the BRICS-allied nations generally.

**LaRouche's warning is directed precisely at that insane delusion of a collapsing Wall Street order. [S]**

