

Please read enclosed letters on wifi and Children to Dr Kendall, Health Canada

Dear Dr. Kendall:

I agree with Mr. Robert Riedlinger and noted author Iris Atzmon of Israel that if Deputy Health Minister Yaakov Litzman can implore the Education Minister of Israel, Gideon Sa'ar, to immediately suspend installation of wireless internet in schools due to the well documented hazards of RF - EMF, Canada should be doing the same, as should all countries.

In May of 2011, the IARC committee of the World Health Organization declared, 29 to 1, after careful perusal of the science, that everything on the spectrum from RF (radio frequency) to EMF (electromagnetic radiation) should be declared a 2b "possible human" carcinogen. Wi-Fi is included in that classification. Children are much more vulnerable than adults. You are exposing them to cumulative radiation by having Wi-Fi in the schools. You know you can hardwire their computers and it will be infinitely safer.

Cancer is a concern, of course, but even greater is the neurological concern, because the brain is the first major organ of the body to be adversely affected by RF - EMF, and the long-term and even short-term effects are potentially devastating. Cognition can be impaired, reaction-time slowed, and impulse control delayed.

I organized a brain study of fire fighters, men who are considered to be the strongest of the strong among us, in California in 2004. They had been exposed to a cell tower beaming across their working/sleeping quarters for 5+ years. Each of the men who had their brains scanned showed a hyper-excitability of the neurons, or brain cells. This is considered to be a precursor to early cell death and potentially early onset Parkinson's, ALS, and Alzheimer's. Now, 8 years later, two of the men have had psychotic breaks with reality and all are suffering from memory impairment. All the men tested in 2004 had tremors, and some were still in their 20's.

I was the original author of Resolution 15 which was passed by an 80% margin at the International Association of Fire fighters convention in Boston in 2004. I was proud to be joined by four others as co-authors, including two Canadians, Assistant Fire Chief Joe Foster and Dr. Magda Havas of Trent University. Resolution 15 calls for further study and a moratorium on placement of cell towers on fire stations in the US & Canada (attached), yet you radiate children in schools?

These invisible waves are microwaves, Dr. Kendall. "Radio waves" is a lovely euphemism. Please do not continue to expose young children to microwave radiation throughout their formative years.

What you are doing by ignoring the IARC/WHO warning is putting young, developing children at great risk. If you choose to look away at this time when there are literally thousands of non-industry funded studies showing the dangers of RFR, you will -- metaphorically speaking -- have blood on your hands.

At your request, I would be more than happy to send relevant medical studies. You may speak more loudly through your silence if you choose not to learn more about this intensely germane issue.

I would like to ask, for the record, if you receive any campaign contributions, contributions toward governmental or private programs, or gifts -- monetary or otherwise -- from the telecommunications industry or any entity that has any connection to them?

Thank you for your time and careful consideration.

Kind Regards,
Susan Foster

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Professor Yury Grigoriev calls for order and the world needs to listen:

"Man conquered the Black Plague, but he has created new problems - EMF pollution"

The Russian National Committee on Non-Ionizing Radiation Protection has agreed to provide a detailed report for the world containing clear information on the most important Russian research results in RF/EMF radiation over the past 50 years.

RF/EMF researchers and environmental activists, Eileen O'Connor, Director for the UK Radiation Research Trust charity and Sissel Halmøy, Chairman for the International EMF Alliance and Secretary General for the Citizens' Radiation Protection in Norway recently returned from a trip to meet with top scientists at the Russian

Federation.

Halmøy said: "According to the RNCNIRP, the following health hazards are likely to be faced by children who use mobile phones in the near future: disruption of memory, decline of attention, diminishing learning and cognitive abilities, increased irritability, sleep problems, increase in sensitivity to the stress, increased epileptic readiness. Action must be taken immediately to adopt biologically based guidelines to protect children." Current standards are based more on engineering needs than biological studies.

O'Connor said "The Russian report is a gift to the world. The UK Radiation Research Trust will present the report in the Autumn to the Rt Hon Iain Duncan Smith MP and will be forwarded to the UK Chief Medical Officer, Professor Dame Sally Davies."

She added "Russian scientists are advanced in their knowledge on RF/EMF radiation and have extended the hand of friendship and are willing to share their expertise and knowledge. I hope decision makers from the western world accept this great honour and work together."

Russian research offers crucial and important aspects of developmental relevance that conveys a sense of urgency for the global RF/EMF framework. Without it, national governments may not be able to ensure the health of future generations are protected, especially that of our children.

Russian warnings exist urging pregnant women to avoid using mobile phones entirely along with children under eighteen. Likewise, Germany, India, the United Kingdom, Israel, Finland, Belgium and Toronto, Canada, have issued health warnings for children to not use mobile phones, or for emergency use only. Unfortunately, most children, parents, doctors and teachers are not aware of this important information.

Furthermore, in May 2011 the World Health Organisation and IARC issued a classification stating that radio frequency - electromagnetic fields are possibly carcinogenic to humans (group 2B). This warning is issued not only for mobile phones and phone masts, but for Wi-

Fi, smart meters, wireless computers and all applications of technology on the RF/EMF Spectrum (radio-frequency radiation to electromagnetic radiation.)

Chairman of Russian National Committee on Non-Ionizing Radiation Protection, member of International Advisory Committee of WHO "EMF and Health" Professor Yury Grigoriev said: "The brain is a critical organ. Vital brain structures are under EMF exposure daily when using a mobile phone. The brain is made up of permanent complex biophysical processes and vital functions. We need to take care with mobile phones and use distance and reduce time. Children should use mobile phones for emergencies only and also use hands free."

Deputy Chairman, Russian National Committee on Non-Ionizing Radiation Protection, Professor Oleg Grigoriev said: "We need correct control and assessment of electromagnetic pollution. There are currently a lot of new frequencies containing modulation and no one knows the results which could be a serious problem."

Russian scientists are also warning countries throughout the world including ministries of health and other organizations, responsible for the population safety (including children), to pay attention to the regulation of mobile phones and Wi-Fi use in kindergardens and are recommending the usage of wired networks in schools and educational institutions, rather than a network using wireless broadband systems, including Wi-Fi.

The Russians stand by their solid research which has consistently shown that prolonged exposure to RF/EMF radiation disturbs cognitive function.

For protection from RF/EMF non-ionizing radiation, many countries have adopted a set of guidelines provided by private group of industry-friendly scientists known as ICNIRP. The ICNIRP guidelines are for short-term, acute thermal RF/EMF exposure. The current ICNIRP, IEEE standards are based on the preconceived and out dated view of government authorities that the only possible established biological effect of RF/EMF exposure is tissue heating.

The Russian standards are supported by science as a result of extensive research and take into account the dangers of non-thermal exposure. The standards are also backed by the Russian Ministry of Health and are a small fraction of what is allowed by ICNIRP and the IEEE which is currently adopted in many counties.

Research clearly underlines the need for action on mobile phones and wireless technology. We need to launch global government backed hard-hitting advertising campaign especially for children, and large health warnings should be clearly visible on all RF/EMF emitting equipment. Mass media campaigns can also create awareness.

O'Connor said: "I am grateful to the Rt Hon Iain Duncan Smith for offering to submit the Russian report to the UK Chief Medical Officer and hope that Government and health agencies worldwide listen to concerns raised by Russian and independent scientists and urgently adopt health based RF/EMF standards to protect human health. We need to provide as swift solution to this problem as soon as possible. We simply cannot afford to wait."

Russian scientists recognise the value of non-Government groups in discussion and research. Deputy Chairman, Russian National Committee on Non-Ionizing Radiation Protection,

Professor Oleg Grigoriev said: “We need to include non-Government groups in discussion and research. Non-Government groups play an equal importance to Government and the scientific community. NGO’s are a new power and are representing people with electrosensitivity (ES) and should be an equal player.”

He added that “If the decisions are not made together with the NGOs, then decisions may have no value.”

The UK Radiation Research Trust, Citizens’ Radiation Protection in Norway and International EMF Alliance are calling for the Governments to engage with NGO’s and Independent (non-telecommunications funded) scientists.

It’s time for action!

Professor Oleg Grigoriev, Head of Department of Non-Ionizing Radiation, Federal Medical Biophysical Center of Federal Medical Biological Agency of Russia
Deputy Chairman, Russian National Committee on Non-Ionizing Radiation Protection
Director, Center for Electromagnetic Safety

Professor Yury Grigoriev, Chairman of Russian National Committee on Non-Ionizing Radiation Protection, a member of Int. Advisory Committee of WHO "EMF and Health"

Sissel Halmøy, Secretary General for the Citizens’ Radiation Protection in Norway www.stralevern.org and founder and Chair of International EMF Alliance
<http://www.iemfa.org>

Eileen O’Connor, Founder and Board member for the International EMF Alliance and Director of UK EM Radiation Research Trust www.radiationresearch.org

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Karolinska Institutet
Department of Neuroscience
Experimental Dermatology Unit

Stockholm, August 30, 2012

Dear Dr. Kendall,

Two letters to you with regards to concerns about wifi in schools from Susan Foster and Eileen O'Connor, respectively, have been brought to my attention. I am hereby supporting their appeal.

I have worked for many years trying to clarify the potential dangers of this 24/7, wholebody, artificial EMF irradiation. Along this struggle I have been proud to coauthor some of the most important compilations of the up-to-date knowledge, including (among many) The Benevento Resoution (2006), The Bioinitiative Report (2007), The Vienna Resolution (2008), The Special Issue of the journal Pathophysiology, Volume 16 (2009) including The London Resolution (2009), and The Seletun Statement (2010). In summary, these documents clearly conclude as well as identify the need for:

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

Furthermore, based on the available scientific data, the Seletun Scientific Panel states that:

- Sensitive populations (for example, the elderly, the ill, the genetically and/or immunologically challenged) and children and fetuses may be additionally vulnerable to health risks; their exposures are largely involuntary and they are less protected by existing public safety standards;
- It is well established that children are more vulnerable to health risks from environmental toxins in general;
- The Panel strongly recommends against the use of mobile (cell) and cordless phones and PDAs by children of any age;
- The Panel strongly recommends against the use of mobile (cell) and cordless phones and PDAs by pregnant women;
- The Panel recommends that use of mobile (cell) and cordless phones and PDAs be curtailed near children or pregnant women, in keeping with preventative and precautionary strategies. The most vulnerable members of society should have access to public places without fear of harm to health; (cable modem, wired Ethernet connections, etc) is available as a substitute;
- The Panel recommends wired internet access in schools, and strongly recommends that schools do not install wireless internet connections that create pervasive and prolonged EMF exposures for children;

This is all in accordance with the intentions of the Precautionary Principle as summarized by Mats Dämvik and myself in our paper from 2010.

Therefore, I too call on you and your colleagues to join the call to withdraw wifi in schools in favour of adopting wired and shielded networks. The same information will reach the children, however, without unnecessary microwave exposure.

I very much look forward to see your answers to Susan Foster's and Eileen O'Connor's questions, especially regarding any research stating that WiFi RF/EMF radiation is safe and, if so, if you could please provide independently funded research demonstrating such safety.

With my very best regards

Yours sincerely

Olle Johansson, assoc. professor

<http://www.timesofisrael.com/stop-wi-fi-in-schools-deputy-health-minister-implores/>

Stop Wi-Fi in schools, deputy health minister implores

Yaakov Litzman asks education minister to halt installation of wireless internet due to hazards of electromagnetic radiation

By [Philip Podolsky](#) August 23, 2012, 11:53 pm



<http://cdn.timesofisrael.com/uploads/2012/05/F110807KG11-635x357.jpg>

Deputy Health Minister Yaakov Litzman on Thursday implored Education Minister Gideon Sa'ar to immediately suspend the installation of wireless Internet in schools due to what he termed the hazards of electromagnetic radiation.

Litzman issued an official letter to Sa'ar following a letter he received from Attorney Michael Bach. Bach, citing medical research, warned about the health threats to students.

“I am in deep sympathy with Bach’s letter,” wrote Litzman. “I have dealt extensively with the issue, although I am not a professional, and I fear lest the day come when we shall rue the irreversible damage visited on our children.”

Certain countries have banned Wi-Fi in educational institutions, most notably France, which has prohibited any kind of wireless communication in its schools.