

Please read enclosed letter to Dr Kendall, Health Canada in support of Susan Foster's original letter sent on 27th August, 2012 on wifi and Children

Dear Dr Kendall,

I am the founder and Director for the UK EM Radiation Research Trust. The Radiation Research Trust (RRT) are leading supporters of the precautionary approach to Electromagnetic Radiation (RF/EMR) and as such advocate release of substantial research funds from Government while offering immediate protection and advice to the public. The RRT is supported by MPs and MEPs from UK political parties. We are also indebted to Independent Scientific, Public Health and Technical Advisors.

A letter to you with regards to concerns about wifi in schools from one of our advisors Susan Foster has been brought to my attention. I am therefore supporting her appeal.

I encourage you to join and support Deputy Health Minister Yaakov Litzman in a call to the Education Minister of Israel, Gideon Sa'ar, to stop the installation of wireless internet in schools. Government and Health authorities in Canada, the UK and many other countries should provide safe learning environments for our children.

Previous Chairman for the UK Health Protection Agency and previous Chief Scientific Advisor to Margaret Thatcher and Tony Blair's government appeared on a National TV investigation on wifi and stated that he could not rule out the possibility that there may be biological effects, adding that this means there may be changes in cognitive function and indications that there may be cancer inductions along with molecular biology changes within the cell. These conclusions followed as a result of the Stewart report into mobile phones and phone masts. Download the transcript here: <http://news.bbc.co.uk/1/hi/programmes/panorama/6683969.stm>

Wifi uses the same technology as phone antennae. The Stewart report S1.42 states "The beam of greatest intensity should not fall on any part of the school or building without agreement from the school or parents". Many parents would object to a phone mast near their homes or children's schools and may not be aware that Wifi is using the same technology. Have you therefore consulted the parents throughout Canada and informed them about installing wifi in schools and of the independent research into RF/EMF?

Sir William continued to raise concerns at the 2008 Radiation Research Trust conference. *Quote from Sir William Stewart at the RRT Conference, 2008*

"Since 2000 there has been a mass of publications, reports, observations, and views purporting at the very least to implicate phones/base stations as a cause of adverse health effects. At a time of uncertainty when more information is required, non-peer reviewed articles should not be ignored. Doing so is ridiculous. They may be right but unproven and/or offer pointers to be thought about and followed up."

You can download his presentation here:

<http://archive.radiationresearch.org/conference/index.asp>

I recently returned from a visit to Russia's Radiation Protection. 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 kindergartens and are recommending the usage of wired networks in schools and

educational institutions, rather than a network using wireless broadband systems, including Wi-Fi. Russian scientists are currently preparing a report to be delivered to the Chief Medical Officer for the UK following our visit. I am willing to send you a copy of the report.

I am not aware of any research stating that WiFi RF/EMF radiation is safe and would be most grateful if you could please provide independently funded research demonstrating safety?

Finally, I call on you and your colleagues to join the call to withdraw wifi in schools in favour of adopting wired networks.

See enclosed press release below.



Professor Yuri 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 kindergartens 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 countries.

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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<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.



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